

UNITED STATES AIR FORCE

AIRPOWER UPDATE 2005

by Tom Kaminski



(photo James Haseltine)



INTRODUCTION

An aging fleet, impending base closures and reductions in manpower, and the continued need to support combat and contingency operations worldwide are some of the daunting tasks faced by the leaders of the US Air Force (USAF) as the service continues with its latest transformation. The air arm, which had previously maintained a threat-based, forward-deployed force, has become a capabilities-based organization that is primarily based in the continental United States (CONUS). Forward deployed commands in Europe and the Pacific are currently undergoing another reorganization that will allow the service to be better positioned to respond to changing threats and world events and support the Unified Combatant Commands.

The most recent service-wide change has seen the creation of the so-called 'Combat Wing' organization, which established Operations, Maintenance, Mission Support and Medical Groups within each wing. Created to support expeditionary taskings, the Mission Support Group assumed duties that had previously been assigned to separate Support and Logistics Readiness Groups. Among the organizations belonging to the group are Civil Engineering, Communications, Logistics Readiness, and Security Forces Squadrons. Similarly the new Maintenance Groups (MXG) are now responsible for Aircraft (AMS), Component (CMS) and Equipment Maintenance Squadrons (EMS).

In support of its transformation efforts, the USAF recently announced several initiatives that will allow better leverage of its

above: **An F/A-22A Raptor on the strength of the 53rd Wing.**
(Ted Carlson/Fotodynamics)

capabilities. These include expansion of the blended wing concepts and its active and reserve associate programs. Initially, the service released plans to consolidate its active and reserve forces at Hill AFB, UT, and may create a blended wing or an Air National Guard (ANG) associate organization at Langley AFB, VA, where personnel assigned to active duty and the Virginia ANG will jointly operate and maintain the F/A-22A Raptor. In addition, newly trained USAF maintainers are being assigned to the Vermont ANG where they will receive additional training from the guard's highly-skilled technicians. The service has also decided to deploy MQ-1 Predators with as many as 15 squadrons over the next several years. Air National Guard units will be in the forefront of this plan and the multi-mission Predator will initially be assigned to squadrons in Arizona, Texas and New York. Over the past year the USAF has made no secret of its need to reduce the number of aircraft in its inventory, and it is highly likely that the decision to deliver UAVs to the ANG will coincide with reductions in its fighter fleet.

Procurement plans

The Fiscal Year appropriation 2005 saw an increase in the number of aircraft ordered by the USAF over the previous year. In fact, the total number of manned aircraft is up from 91 to 103, whereas unmanned air vehicle (UAV) purchases were reduced slightly from 19 to 16. Joint STARS procurement ended in 2003



above: The USAF's HH-60G Pave Hawk combat search and rescue helicopters have seen a lot of action in recent times.
(James Haseltine)

and the 17th and final example of the E-8C battlefield command and control aircraft was delivered to Air Combat Command (ACC) during March 2005.

Although procurement of C-130Js was nearly tripled this year, as a result of a joint service multi-year plan, the USAF has considered ending purchases after 2005. The recent grounding of some 30 C-130Es and imposition of flight restrictions on another 60 C-130E/Hs and their sub-variants will likely have an impact on these plans, however.

There have also been significant milestones relating to new aircraft projects. Recent successes experienced by the US Marine Corps and USAF V-22

Osprey test fleets have allowed the USAF to increase its orders and five CV-22Bs were purchased between 2004 and 2005.

While the USAF continues to wrestle with the F/A-22A's per unit cost and the optimum size of its fleet, production levels will reach their maximum levels as a result of the purchase of 24 examples in FY05 — an increase of two over the prior year. The aircraft will reach the first operational unit in May when the initial delivery is made to Langley AFB.

Trainer purchases increased over both of the past years and Raytheon T-6As are now in service with nearly half of the primary training squadrons within Air Education & Training Command (AETC). In addition, the purchase of new aircraft for the Civil Air Patrol (CAP) continues at a constant pace with 27 ordered in the past two years.

UAV purchases remain relatively stable and ACC will receive a total of four long- and 12 medium-range reconnaissance and multi-mission air vehicles.

USAF PROCUREMENT 2005

Type	Quantity	Procurement (\$m)
Combat/Reconnaissance		
F/A-22A	24	4,053.2
MQ/RQ-1L	12	173.9
RQ-4A	4	334.6
Training		
T-6A	53	302.4
Transport		
C-17A	15	3,143.8
C-130J	11	890.6
CV-22B	3	315.9*
Miscellaneous		
Civil Air Patrol	27	2.2

*Includes only aircraft procurement. An additional \$125.5m covers the modifications associated with the special operations mission package.

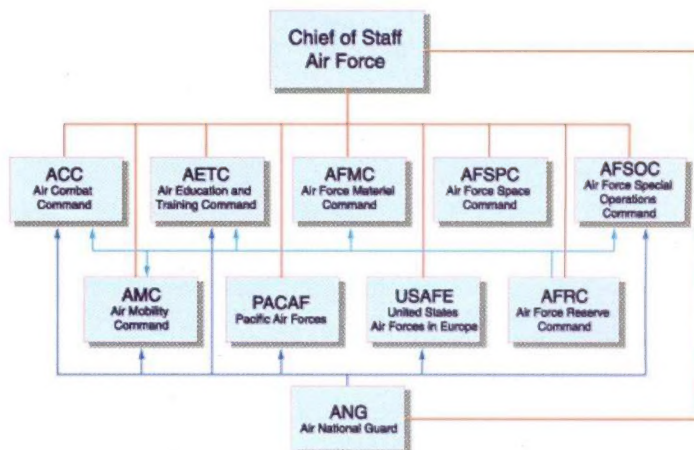
Force Deployment

The continued success of the Expeditionary Aerospace Force (EAF) has allowed the USAF to stabilize its deployment cycle, generally providing its personnel with advance knowledge of their next rotation. Effective with Cycle 5, which began on September 1, 2004 and runs through April 30, 2006, each Air Expeditionary Force (AEF) cycle now lasts 20 months. Ten AEFs, which are assigned in pairs for a 120-day alert period, support the rotation. While these units are 'on call', the remaining eight AEFs are conducting normal training or are undergoing their deployment spin-up as part of a tiered readiness schedule. Composed of geographically separated active duty, Air National Guard and Air Force Reserve Command (AFRC) units, each of the 10 AEFs includes approximately 175 aircraft and 17,500 personnel. The structure includes fighters,

bombers, air refueling and airlift aircraft as well as combat rescue, command and control (C2), and intelligence, surveillance and reconnaissance (ISR) assets. Like their counterparts in the US Navy and Marine Corps, which have made scheduled rotational deployments for decades, most of the USAF's fighter and bomber squadrons now undertake regular deployments as part of an AEF. There are, however, a few exceptions including those squadrons tasked with defending the Korean Peninsula. Units from the ANG and AFRC currently comprise about 20% of the total AEF package.

Created by the National Security Act of 1947, the USAF was formally established on September 18, 1947. Previously a compo-

USAF Command Structure



nent of the US Army, it had been known as the US Army Air Force. The USAF's senior commander is the Air Force Chief of Staff. Appointed by the President, the Chief of Staff is one of five members of the Joint Chiefs of Staff and serves as an advisor to the President, the National Security Council (NSC), the Secretary of Defense and the Secretary of the Air Force.

Today, the USAF's organizational structure includes nine Major Commands (MACOM), each of which reports to the Secretary of the Air Force via the Air Force Chief of Staff. Those MACOMs located within the CONUS are organized on a functional basis, whereas those outside CONUS or OCONUS are organized on a geographical basis. Individually, the command structure of the MACOMs may include numbered air forces (NAF), wings, groups, squadrons and flights.

below: Taking on fuel here is an E-3B Sentry from the 965th AACS at Tinker AFB. (Ted Carlson/Fotodynamics)





- Air Combat Command (ACC)
- Air Education and Training Command (AETC)
- Air Force Materiel Command (AFMC)
- Air Force Space Command (AFSPC)
- Air Force Special Operations Command (AFSOC)
- Air Mobility Command (AMC)
- Pacific Air Forces (PACAF)
- United States Air Forces Europe (USAFE)
- Air Force Reserve Command (AFRC)

Besides reporting to the Chief of Staff, several of these commands are 'dual-hatted' and report operationally to a specific Unified Combatant Command. Organized either functionally by task or geographically, these joint commands are composed of forces from two or more services, and are assigned a continuing mission. The Combatant Commanders report directly to the Secretary of Defense and the President.

- US Central Command (CENTCOM)
- US European Command (EUCOM)
- US Joint Forces Command (JFCOM)
- US Northern Command (NORTHCOM)
- US Pacific Command (PACOM)
- US Southern Command (SOUTHCOM)
- US Special Operation Command (SOCOM)
- US Strategic Command (STRATCOM)
- US Transportation Command (TRANSCOM)

The USAF command structure also includes 35 Field Operating Agencies (FOA), which report to specific functional managers within USAF headquarters in Washington DC. These organizations include the Air Force Flight Standards Agency (AFFSA), the Air Force Operational Test and Evaluation Center (AFOTEC), and the Air National Guard (ANG). The latter reports to the Chief of Staff via the Chief of the National Guard Bureau. The US Air Force Academy (USAF) is considered a direct reporting unit (DRU) and like the MACOMs reports directly to the Chief of Staff.

AIR FORCE FLIGHT STANDARDS AGENCY (AFFSA)



Tasked with managing the USAF's air traffic control and landing systems, AFFSA is headquartered at Andrews AFB, MD. Its units, which include active duty and AFRC organizations, conduct flight inspections of USAF airfields and flight instrumentation/navigation equipment worldwide in support of combat and contingency operations. AFFSA's units operate aircraft owned by the Federal Aviation Administration (FAA).

CHIEF OF STAFF, US AIR FORCE Washington, DC

Direct Reporting Units

Component Unit	Location	Aircraft
Air Force Flight Standards Agency (AFFSA) — Andrews AFB, MD		
AFFSA	Andrews AFB, MD	
Det 1	Will Rogers WAP, Oklahoma City, OK	(C-29A, CL601)
AFFSA-gained AFRC units Fourth Air Force — March ARB, CA		
507th ARW (2)	Tinker AFB, OK	
1st ASF	Will Rogers WAP, Oklahoma City, OK	(C-29A, CL601) (1)

(1) - Aircraft are Federal Aviation Administration (FAA) assets.

(2) - Wing reports to the 4th Air Force and is AMC-gained.



Spirit by night — a B-2A of the 509th Bomb Wing is guarded at a dispersal. (USAF)



above: A B-2 dropping 32 inert Joint Direct Attack Munitions (JDAMs) over the Utah Testing and Training Range. (USAF)

AIR COMBAT COMMAND (ACC)

The largest of the USAF's nine MACOMs is headquartered at Langley AFB, VA. ACC is responsible for four air forces that control 63 combat wings/groups comprising 19 active components, and 35 ANG wings/groups and a single 'blended' wing that is made up of both active and ANG personnel. Additionally, nine wings/groups, which report to the AFRC via the 10th AF, are also gained by the command. Reporting directly to ACC headquarters, the Air Warfare Center (AWC) is responsible for five wings/groups that are tasked with test, evaluation and advanced training missions. Also assigned to the AWC, via the 57th Wing, is the USAF Weapons School (USAFWS), which provides advanced training in weapons and tactics employment to USAF personnel assigned to several commands.

ACC is responsible for all of the USAF's bombers, CONUS-based, combat-coded fighter, strike/attack and reconnaissance aircraft. The command reports to both NORTHCOM and JFCOM but it also provides theater air forces for CENTCOM, SOUTHCOM, EUCOM and PACOM as required. Whereas the command's nuclear forces support STRATCOM, its air defense units are tasked in support of the North American Aerospace Defense Command (NORAD). Among the facilities under the cognizance of ACC are 14 major installations. ACC units also operate as tenants at no less than 15 facilities both within CONUS and OCONUS.

ACC Bases

Barksdale AFB, LA	Langley AFB, VA
Beale AFB, CA	Mountain Home AFB, ID
Cannon AFB, NM	Nellis AFB, NV
Davis Monthan AFB, AZ	Offutt AFB, NE
Dyess AFB, TX	Seymour Johnson AFB, NC
Ellsworth AFB, SD	Shaw AFB, SC
Holloman AFB, NM	Whiteman AFB, MO



First Air Force (1st AF)

Primarily tasked in support of NORAD, and staffed entirely by ANG personnel, the 1st AF is responsible for 10 ANG fighter wings. Additionally, the command, which is located at Tyndall AFB, FL, is responsible for the Northeast (NEADS), Western (WADS) and Southeast Air Defense Sectors (SEADS). These units provide radar coverage of the CONUS and exercise command and control (C2) over the command's air defense units. Several of the command's fighter wings are also dual-tasked as 'general support' units.

Air Combat Command (ACC) — Langley AFB, VA

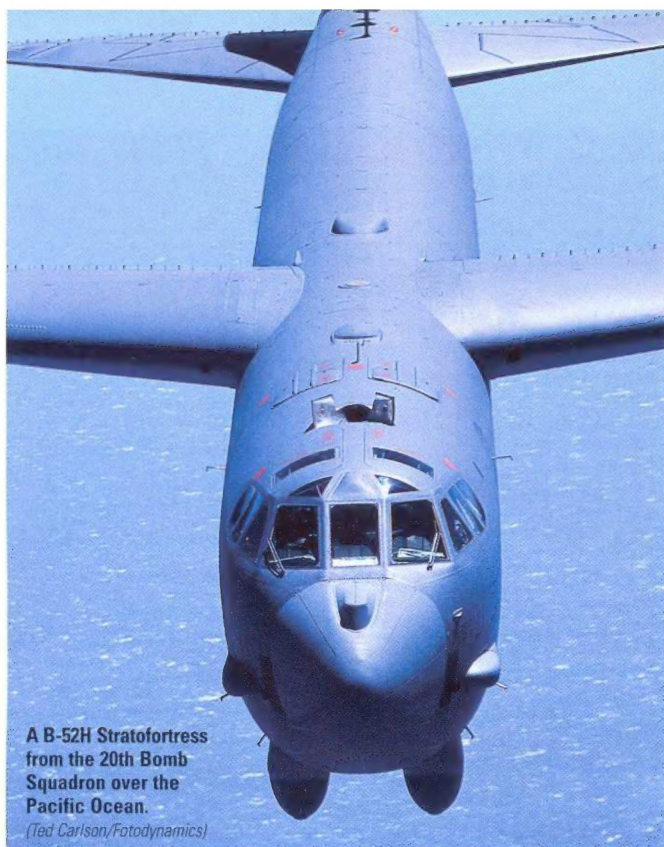
Component Unit	Location	Aircraft	Tail Code
Air Warfare Center — Nellis AFB, NV			
53rd Wing	Eglin AFB, FL		
53rd TEG	Nellis AFB, NV		
Det 1	Holloman AFB, NM	F-117A	OT
HH-60G CTF	Nellis AFB, NV	HH-60G	OT
72nd TES (1)	Whiteman AFB, MO	(B-2A)	WM
49th TES	Barksdale AFB, LA	B-52H	OT
85th TES 'Skulls'	Eglin AFB, FL	F-15C/E, F-16C/D (Block 42/50)	OT
337th TES (1)	Dyess AFB, TX	(B-1B)	DY
422nd TES 'Green Bats'	Nellis AFB, NV	A-10A, F-16C/D (Block 42/50/52), F-15C/D/E, F/A-22A	OT
53rd WEG	Tyndall AFB, FL		
82nd ATRS 'Team Target'		QF-4E/G, E-9A, MQM-107, BQM-34	TD
Det 1	Holloman AFB, NM	QF-4E/G	HD
57th Wing	Nellis AFB, NV		
USAF ADS 'Thunderbirds'	Nellis AFB, NV	F-16C/D (Block 32)	
57th OG	Nellis AFB, NV		
64th AGRS	Nellis AFB, NV	F-16C/D (Block 32/52)	WA
11th RS	Indian Springs AFAF, NV	RQ-1K/L, MQ-1L	WA
15th RS	Indian Springs AFAF, NV	RQ-1K/L, MQ-1L	WA
17th RS	Indian Springs AFAF, NV	RQ-1K/L, MQ-1L	WA
USAFWS	Nellis AFB, NV		
14th WPS 'Air Commandos'	Hurlburt Field, FL	(MH-53M, MC-130E/H/P, AC-130H/U)	
16th WPS	Nellis AFB, NV	F-16C (Block 32/42/52), F-16D (Block 50/52)	WA
17th WPS 'Hooters'	Nellis AFB, NV	F-15E	WA
34th WPS	Nellis AFB, NV	HH-60G	WA
66th WPS	Nellis AFB, NV	A-10A	WA
77th WPS 'War Eagles' (1)	Dyess AFB, TX	(B-1B)	DY
340th WPS (1)	Barksdale AFB, LA	(B-52H)	LA
417th WPS (1)	Holloman AFB, NM	(F-117A)	HO
433rd WPS 'Satan's Angels'	Nellis AFB, NV	F-15C/D	WA
715th WPS (1)	Whiteman AFB, MO	(B-2A)	WM
AATC	Tucson IAP, AZ	F-16A/C (Block 42)	AZ

First Air Force — Tyndall AFB, FL First Air Force-gained ANG units

Western Air Defense Sector (WADS) McChord AFB, WA
Northeast Air Defense Sector (NEADS) Griffiss Technical Park, Rome, NY
Southeast Air Defense Sector (SEADS) Tyndall AFB, FL

102nd FW/OG	Otis ANGB, MA		MA
101st FS 'Eagle keepers'		F-15A/B	
119th FW/OG	Hector IAP, Fargo, ND		ND
178th FS 'Happy Hoologans' (2)		F-16A/B (ADF) (Block 15)	
Det 1	Langley AFB, VA	F-16A (ADF) (Block 15)	
120th FW/OG	Great Falls IAP, MT		
186th FS 'Vigilantes'		F-16C/D (Block 30)	
125th FW/OG	Jacksonville IAP, FL		
159th FS 'Jaguars'		F-15A/B, C-26B	
Det 1	Homestead ARB, FL	F-15A	
142nd FW/OG	Portland IAP/ANGB, OR		
123rd FS 'Red Hawks'		F-15A/B	
144th FW/OG	Fresno-Yosemite IAP/ANGB, CA		
194th FS 'Griffins'		F-16C (Block 25), C-26B	
Det 1	March ARB, CA	F-16C (Block 25)	
147th FW/OG	Ellington Field/ANGB, Houston, TX		EF
111th FS 'Ace in the Hole'		F-16C (Block 25), C-26B	
148th FW/OG	Duluth IAP/ANGB, MN		MN
179th FS 'Bulldogs'		F-16C (Block 25)	
Det 1	Tyndall AFB, FL	F-16C (Block 25)	
158th FW/OG	Burlington IAP/Ethan Allen ANGB, VT		
134th FS 'Green Mountain Boys'		F-16C (Block 25)	
177th FW/OG	Atlantic City IAP/ANGB, NJ		AC
119th FS 'Jersey Devils'		F-16C (Block 25)	

(1) - Aircraft are borrowed as required from host unit
(2) - Squadron will transition to F-16C (Block 30)



A B-52H Stratofortress from the 20th Bomb Squadron over the Pacific Ocean.

(Ted Carlson/Fotodynamics)



Eighth Air Force (8th AF)

Located at Barksdale AFB, LA, 8th AF is responsible for ACC's nuclear capable B-2A and B-52H bombers and its so-called 'information operations' assets. The latter include command and control, intelligence surveillance and reconnaissance (C2ISR) as well as traditional reconnaissance aircraft. Its forces include three bomber wings, and five intelligence and reconnaissance wings and groups. The majority of the command's forces are assigned to the active USAF; however, a single 'blended' wing, which combines ANG and active component personnel, is also assigned. Additionally, an AFRC associate group supports the command, reporting via the 10th AF. The organization's only ANG units include 13 Intelligence (IS) and Air Control Squadrons (ACS). It is also responsible for an Air Support Operations Group and the Air Intelligence Agency and its two intelligence wings.

right: The 99th Reconnaissance Squadron at Beale AFB operates the U-2S, one of which is seen getting airborne from a base in south-west Asia during operations over Iraq. (USAF)

below: A rare look inside the cockpit of an upgraded U-2S. (USAF)



36 Combat Aircraft

Air Combat Command (ACC) — Langley AFB, VA

Component Unit	Location	Aircraft	Tail Code
Eighth Air Force — Barksdale AFB, LA			
2nd BW/OG	Barksdale AFB, LA		LA
11th BS (FTU) 'Mr Jiggs'		B-52H	
20th BS 'Buccaneers'		B-52H	
96th BS 'Red Devils'		B-52H	
5th BW/OG	Minot AFB, ND		MT
23rd BS 'Bomber Barons'		B-52H	
9th RW	Beale AFB, CA		BB
Det 1	Akrotiri AB, Cyprus		
9th OG	Beale AFB, CA	U-2S	
1st RS (FTU)	Beale AFB, CA	U-2S, TU-2S, T-38A	
12th RS 'Blackbirds'	Beale AFB, CA	RQ-4A	
5th RS 'Black Cats'	Osan AB, Korea	U-2S	
99th RS	Beale AFB, CA	U-2S, T-38A	
55th Wing/OG	Offutt AFB, NE		
338th CTS (1)	Offutt AFB, NE	(No aircraft assigned)	
1st ACCS 'First Axe'	Offutt AFB, NE	E-4B	
38th RS 'Fighting Hellcats'	Offutt AFB, NE	RC-135V/W, TC-135W	OF
45th RS 'Sylvester'	Offutt AFB, NE	WC-135C/W, OC-135B, RC-135S/U, TC-135S	OF
Det 1	Eielson AFB, AK	RC-135S	
82nd RS 'Hog Heaven'	Kadena AB, Okinawa	RC-135U/V/W	
95th RS 'Kickin Ass'	RAF Mildenhall, UK	RC-135V/W	
Det 1	Souda Bay, Crete	RC-135V/W	
55th ECG	Davis Monthan AFB, AZ		
41st ECS 'Scorpions'	Davis Monthan AFB, AZ	EC-130H	DM
43rd ECS 'Bats'	Davis Monthan AFB, AZ	EC-130H, TC-130H	DM
116th ACW/OG (3)	Robins AFB, GA		GA
128th ACCS		E-8C	
12th ACCS		E-8C	
16th ACCS		E-8C	
330th CTS (FTU)		TE-8A, E-8C	
509th BW/OG	Whiteman AFB, MO		WM
325th BS 'Alley Oop'		B-2A	
393rd BS 'Tigers'		B-2A	
394th CTS (FTU) 'Panthers' (4)		T-38A	
552nd ACW/OG	Tinker AFB, OK		OK
960th AACs 'Viking Warriors'		E-3B/C	
963rd AACs 'Blue Knights'		E-3B/C	
964th AACs 'Phoenix'		E-3B/C	
965th AACs 'Falcons'		E-3B/C	
966th AACs (FTU) 'Ravens'		E-3B/C, TC-18E	

(3) - The 116th ACW is a 'blended' wing that comprises ANG and USAF personnel

(4) - Squadron utilizes B-2As from 325th and 393rd BS for training





Ninth Air Force (9th AF)

The 9th AF Commander is responsible for ACC combat forces stationed in the eastern United States, which include just five active component fighter wings and groups. The organization also oversees the operational readiness of 14 ANG and three AFRC wings.

The latter units report via AFRC's 10th AF. Located at Shaw AFB, SC, the 9th AF is also tasked to support US Central Command Air Force (CENTAF) and its commander also serves as the CENTAF commander.

Air Combat Command (ACC) — Langley AFB, VA

Component Unit	Location	Aircraft	Tail Code
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Ninth Air Force (9th AF) — Shaw AFB, SC

1st FW/OG	Langley AFB, VA		FF
27th FS 'Fightin' Eagles' (5)		F/A-22A	
71st FS 'Ironmen'		F-15C/D	
94th FS 'Hat-in-the-Ring'		F-15C/D	
4th FW/OG	Seymour Johnson AFB, NC		SJ
333rd FS (FTU) 'Lancers'		F-15E	
334th FS (FTU) 'Eagles'		F-15E	
335th FS 'Chiefs'		F-15E	
336th FS 'Rocketeers'		F-15E	
23rd FG	Pope AFB, NC		
74th FS 'Flying Tigers'	Pope AFB, NC	A/OA-10A	FT
75th FS 'Sharks'	Pope AFB, NC	A/OA-10A	FT
20th FW/OG	Shaw AFB, SC		SW
55th FS 'Lancers'		F-16C/D (Block 50)	
79th FS 'Gamblers'		F-16C/D (Block 50)	
33rd FW/OG	Eglin AFB, FL		EG
58th FS 'Gorillas'		F-15C/D	
60th FS 'Fighting Crows'		F-15C/D	

Ninth Air Force-gained ANG units

103rd FW/OG	Bradley IAP/ANGB, Windsor Locks, CT		CT
118th FS 'Flying Yankees'		A/OA-10A	
104th FW/OG	Westfield Barnes Airport/ANGB, MA		MA
131st FS 'Death Vipers'		A/OA-10A	
110th FW/OG	W.K. Kellogg Airport/Battle Creek ANGB, MI		BC
172nd FS 'Mad Ducks'		A/OA-10A	
111th FW/OG	NAS JRB Willow Grove, PA		PA
103rd FS 'Black Hogs'		A/OA-10A	
113th Wing/OG (6)	Andrews AFB, MD		DC
121st FS 'Capital Guardians'		F-16C/D (Block 30)	
122nd FW/OG	Fort Wayne International Airport, IN		FW
163rd FS 'Marksmen'		F-16C (Block 25)	
127th Wing/OG (6)	Selfridge ANGB, Mount Clemens, MI		MI
107th FS 'Red Devils'		F-16C/D (Block 30)	
169th FW/OG	Columbia Metro. AP/McEntire ANG, SC		
157th FS 'Swamp Fox'		F-16C/D (Block 52), C-130E	
174th FW/OG	Syracuse Hancock IAP, NY		NY
138th FS 'Cobras'		F-16C (Block 30), C-26B	
175th Wing/OG (6)	Martin State AP/Warfield ANGB, Baltimore, MD		MD
104th FS 'Fighting Orioles'		A/OA-10A	
180th FW/OG	Toledo Express Airport, OH		OH
112th FS 'Stingers'		F-16C/D (Block 42)	
181st FW/OG	Terre Haute IAP/Hulman Field, IN		TH
113th FS 'Racers'		F-16C/D (Block 30)	
187th FW/OG	Montgomery RAP/Dannelly Field, AL		AL
160th FS 'Snakes'		F-16C/D (Block 30), C-26B	
192nd FW/OG	Richmond IAP/Byrd Field, VA		VA
149th FS 'Rebel Riders'		F-16C/D (Block 30)	

(5) - Squadron undergoing transition to the F/A-22A and will accept first Raptor in May 2005
 (6) - Wing also controls co-located AMC Airlift Group



above: The 55th Wing at Offutt AFB uses this TC-135W for RC-135 crew training. (Ted Carlson/Fotodynamics)



right: An E-4B national airborne emergency command post (NEACP) from the 1st ACCS cruises along. (Ted Carlson/Fotodynamics)



above: Air Combat Command's F-16 inventory can include not just its own aircraft, but also those of the Air National Guard (shown here are F-16Cs from the California ANG) when assigned. (Ted Carlson/Fotodynamics)

below: One of Air Combat Command's slimmed-down fleet of B-1B Lancers. (USAF)



Twelfth Air Force (12th AF)

Air combat forces stationed in the western United States and assigned to 12th AF comprise seven active duty wings, which include the entire B-1B fleet. Additionally, 11 ANG and four AFRC wings support the command. Located at Davis Monthan AFB, AZ, the command is responsible for USAF operations throughout Central and South America and serves as the air component of SOUTHCOM. In addition to leading 12th AF, the commander has a second major responsibility and serves as US Southern Command Air Force (SOUTHAF) commander.

Air Combat Command (ACC) — Langley AFB, VA

Component Unit	Location	Aircraft	Tail Code
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Twelfth Air Force — Davis Monthan AFB, AZ

7th BW/OG	Dyess AFB, TX		DY
9th BS 'Bats'		B-1B	
28th BS (FTU) 'Grim Reapers'		B-1B	
27th FW/OG	Cannon AFB, NM		CC
428th FS (FTU) 'Buccaneers' (7)		F-16C/D (Block 52)	
522nd FS 'Fireballs'		F-16C/D (Block 50)	
523rd FS 'Crusaders'		F-16C/D (Block 30)	
524th FS 'Hounds'		F-16C/D (Block 40)	
28th BW/OG	Ellsworth AFB, SD		EL
34th BS 'Thunderbirds'		B-1B	
37th BS 'Tigers'		B-1B	
49th FW/OG	Holloman AFB, NM		HO
7th CTS (FTU) 'Screamin Demons'		T-38A	
8th FS 'Black Sheep'		F-117A	
9th FS 'Flying Knights'		F-117A	
355th Wing/OG	Davis Monthan AFB, AZ		DM
354th FS 'Bulldogs'		A/OA-10A	
357th FS (FTU) 'Dragons'		A/OA-10A	
358th FS (FTU) 'Lobos'		A/OA-10A	
366th FW/OG	Mountain Home AFB, ID		MO
388th ECS (8)	NAS Whidbey Island, WA	(No aircraft assigned)	
389th FS 'Thunderbolts'	Mountain Home AFB, ID	F-16C/D (Block 52)	
390th FS 'Wild Boars'	Mountain Home AFB, ID	F-15C/D	
391st FS 'Bold Tigers'	Mountain Home AFB, ID	F-15E	
388th FW/OG	Hill AFB, UT		HL
4th FS 'Fightin' Fuggins'		F-16C/D (Block 40)	
34th FS 'Rude Rams'		F-16C/D (Block 40)	
421st FS 'Black Widows'		F-16C/D (Block 40)	

Twelfth Air Force-gained ANG units

114th FW/OG	Sioux Falls RAP/Joe Foss Field, SD		
175th FS 'Lobos'		F-16C/D (Block 30)	
115th FW/OG	Dane County RAP/Truax Field, Madison, WI		WI
176th FS 'Badgers'		F-16C (Block 30), C-26B	
124th Wing/OG (9)	Boise Airport/Gowen Field, ID		ID
190th FS		A/OA-10A	
131st FW/OG	Lambert-St Louis IAP, MO		SL
110th FS 'Lindbergh's Own'		F-15C/D	
132nd FW/OG	Des Moines IAP, IA		IA
124th FS 'Hawkeyes'		F-16C/D (Block 42)	
138th FW/OG	Tulsa IAP, OK		OK
125th FS 'Tulsa Vipers'		F-16C/D (Block 42)	
140th Wing/OG (9)	Buckley AFB, Aurora, CO		CO
120th FS 'Cougars'		F-16C (Block 30)	
150th FW/OG	Kirtland AFB, NM		NM
188th FS 'Tacos'		F-16C/D (Block 30), C-26B	
159th FW/OG	NAS JRB New Orleans, LA		JZ
122nd FS 'Cajuns'		F-15A/B, C-130E	
183rd FW/OG	Abraham Lincoln Capital AP, Springfield, IL		SI
170th FS 'Fly'n Illini'		F-16C/D (Block 30)	
188th FW/OG	Fort Smith RAP/Ebbing ANGB, AR		FS
184th FS 'Flyin' Razorbacks'		F-16C (Block 32)	

(7) - Unit is the FTU for the Republic of Singapore AF

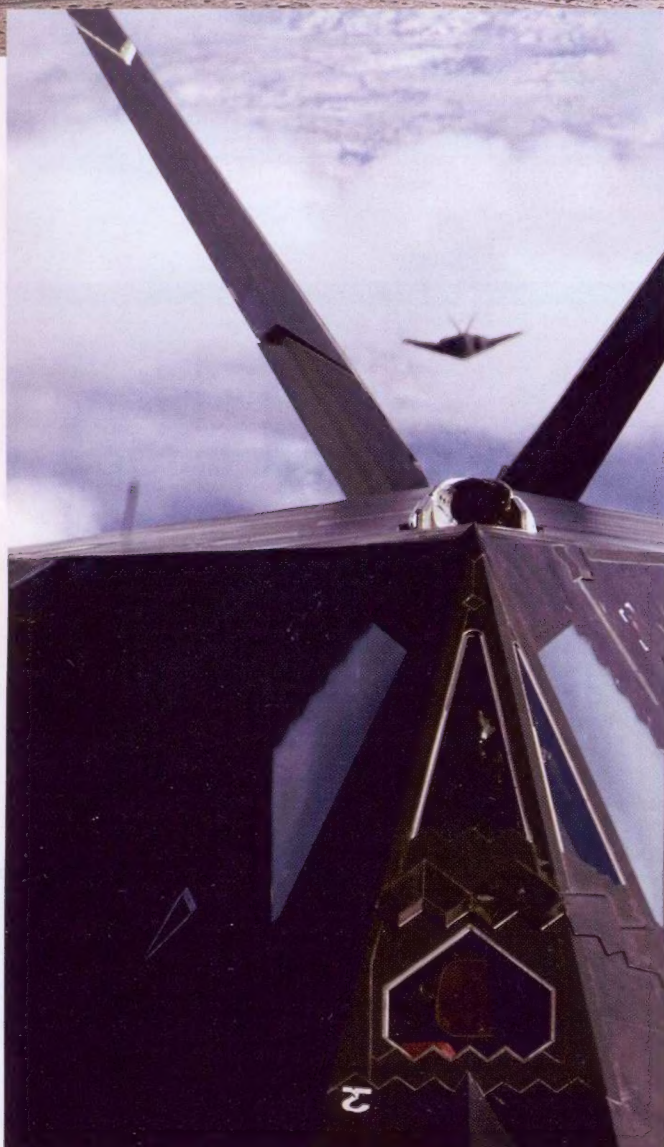
(8) - Unit is responsible for crew attached to Joint Services EA-6B electronic attack squadrons

(9) - Wing also controls collocated AMC Airlift Squadron



above: These two F-117As are heading for the White Sands missile range.
(Jamie Hunter/Aviacom)

left: A pair of 49th FW F-117A Nighthawks.
(USAF)



Air Combat Command (ACC) — Langley AFB, VA

Component Unit	Location	Aircraft	Tail Code
AFRC Tenth Air Force — NAS JRB Fort Worth/Carswell Field, TX			
ACC-gained AFRC units			
307th FS 'Stingers' (10)	Langley AFB, VA		
Det 1	Langley AFB, VA	F-15C/D	FF
Det 2	Hill AFB, UT	F-16C/D (Block 40)	HL
Det 3	Eglin AFB, FL	F-15C/D	EG
Det 4	Nellis AFB, NV	F-16C/D (Block 32)	WA
301st FW/OG	NAS JRB Fort Worth/Carswell Field, TX		TX
457th FS 'Spads'		F-16C/D (Block 30)	
419th FW/OG	Hill AFB, UT		HI
466th FS 'Diamondbacks'		F-16C/D (Block 30)	
442nd FW/OG	Whiteman AFB, MO		KC
303rd FS 'KC Hawgs'		A/OA-10A	
482nd FW/OG	Homestead AFB, FL		FM
93rd FS 'Makos'		F-16C/D (Block 30)	
513th ACG (11)	Tinker AFB, OK		
970th AACs		E-3B/C	OK
917th Wing/OG	Barksdale AFB, LA		BD
47th FS 'Dogpatchers'		A/OA-10A	
93rd BS 'Indian Outlaws'		B-52H	
926th FW/OG	NAS JRB New Orleans, LA		NO
706th FS 'Cajuns'		A/OA-10A	
944th FW/OG (12)	Luke AFB, AZ		LR
302nd FS 'Sun Devils'		F-16C/D (Block 25/32)	

(10) - Associate unit supports ACC training operations
(11) - ACC-gained associate unit
(12) - Wing also controls a co-located AETC-gained associate fighter squadron

AIR EDUCATION AND TRAINING COMMAND (AETC)

Headquartered at Randolph AFB, TX, AETC is responsible for the entire spectrum of training for the USAF. The command provides basic military training, initial and advanced technical training, flight training, and professional military and degree education for all USAF personnel. Two numbered air forces are assigned, along with the Air University and the Inter-American Air Forces Academy. The latter gives training to personnel from 19 Spanish-speaking air forces. Facilities under AETC's jurisdiction include 11 major bases.



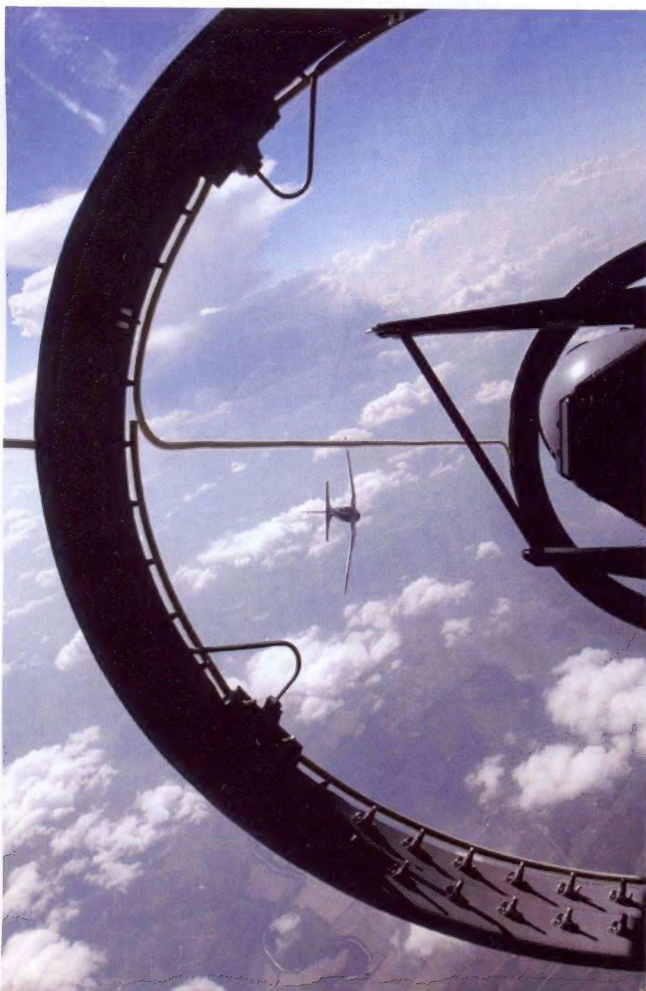
US AIR FORCE ACADEMY

Reporting directly to the Air Force Chief of Staff, the USAF Academy, which is located in Colorado Springs, CO, prepares cadets for careers as USAF officers; its graduates may enter flight training upon graduation. Responsibility for the school's fleet of fixed-wing aircraft and gliders, and its airmanship programs, was transferred from the 34th Training Wing to AETC in October 2004. The courses under the airmanship programs provide cadets with flight, navigation, soaring and parachute training.

AETC Bases

Altus AFB, OK	Luke AFB, AZ
Columbus AFB, MS	Randolph AFB, TX
Keesler AFB, MS	Sheppard AFB, TX
Lackland AFB, TX	Tyndall AFB, FL
Laughlin AFB, TX	Vance AFB, OK
Little Rock AFB, AR	

below: The essence of pilot training, as seen from the cockpit of one of two Raytheon T-6A Texan IIs engaged in a tailchase. (USAF)



right: The T-6A Texan II is now well-established in service with three wings, one of which is the 12th FTW at Randolph AFB. (USAF)



below: Boeing T-43As are used by the 12th FTW at Randolph AFB as navigator trainers. (Ben Dunnell)



Second Air Force (2nd AF)

Four Training Wings and a single Training Group are assigned to the 2nd AF, which is located at Keesler AFB, MS. The organization is primarily tasked with providing technical training and no flying units are assigned to the command.

Air Education & Training Command (AETC) Randolph AFB, TX

Component Unit	Location	Aircraft	Tail Code
Second Air Force — Keesler AFB, MS			
37th TRW/IAAFA	Lackland AFB, TX	Various instructional airframes	LD
82nd TRW	Sheppard AFB, TX	Various instructional airframes	ST



Nineteenth Air Force (19th AF)

Located at Randolph AFB, TX, the 19th AF's organization includes six active duty wings/groups that provide joint service undergraduate pilot (JSUPT) and navigator training (JSUNT) for USAF, foreign and other US service personnel. The AFRC also supports this mission. Components attached to 19th AF include a single 'associate' group, which is responsible for six squadrons that are individually located at each of the training bases.

Advanced transition/type training for the F-15, F-16, F/A-22, C-130, C-5, C-17, C-21 and special operations aircraft is conducted by five active component wings that serve as formal training units (FTU). Within 19th AF, five ANG wings also serve as FTUs and a single AFRC associate squadron supports this training as well. Additionally, a single group supports operations at the USAF survival school. All of the reserve units that support 19th AF are attached to the 10th AF. The command recently assumed the responsibility for operations associated with the US Air Force Academy's Airmanship Programs and established a new group at the school's airfield. AFRC personnel have also begun supporting the operation of the academy's fleet of fixed wing aircraft and gliders.

Air Education & Training Command (AETC) Randolph AFB, TX

Component Unit	Location	Aircraft	Tail Code
Nineteenth Air Force - Randolph AFB, TX			
12th FTW/OG	Randolph AFB, TX		RA
99th FTS 'Panthers'		T-1A	
558th FTS 'Phantom Knights'		T-6A	
559th FTS 'Billy Goats' (1)		T-37B	
560th FTS 'Chargin' Cheetahs'		T-38C	
562nd FTS 'Gators'		CT/T-43A	
14th FTW/OG	Columbus AFB, MS		CB
37th FTS 'Bengal Tigers'		T-37B	
41st FTS 'Flying Buzzsaws'		T-37B	
48th FTS 'Alley Cats'		T-1A	
50th FTS 'Strikin Snakes'		T-38C	
47th FTW/OG	Laughlin AFB, TX		XL
84th FTS 'Panthers'		T-6A	
85th FTS 'Tigers'		T-6A	
86th FTS 'Rio Lobos'		T-1A	
87th FTS 'Red Bulls'		T-38A	
56th FW/OG	Luke AFB, AZ		LF
21st FS 'Gamblers' (2)		F-16A/B (Block 20)	
61st FS 'Top Dogs'		F-16C/D (Block 25)	
62nd FS 'Spikes'		F-16C/D (Block 25)	
63rd FS 'Panthers'		F-16C/D (Block 42)	
308th FS 'Emerald Knights'		F-16C/D (Block 42)	
309th FS 'Wild Ducks'		F-16C/D (Block 25)	
310th FS 'Top Hats'		F-16C/D (Block 42)	
425th FS 'Black Widows' (3)		F-16C/D (Block 42/52)	
58th SOW/OG	Kirtland AFB, NM		
512th RQS 'Jolly'		HH-60G, UH-1N	
550th SOS 'Wolf Pack'		MC-130N/P, MC-130H	
551st SOS 'Black Knights'		MH-53J/M	
23rd FTS (4)	Lowe AHP, Fort Rucker, AL	UH-1H	
71st FTW/OG	Vance AFB, OK		VN
8th FTS 'Eight Ballers'		T-37B/T-6A	
25th FTS 'Shooters'		T-38C	
32nd FTS 'Mustangers'		T-1A	
33rd FTS 'Dragons'		T-37B	
80th FTW/OG	Sheppard AFB, TX		EN
88th FTS 'Lucky Devils'		T-37B, T-38A, AT-38B	
89th FTS 'Banshees'		T-37B	
90th FTS 'Boxing Bears'		T-38A, AT-38B	
97th AMW/OG	Altus AFB, OK		
54th ARS 'Jesters' (5)		(KC-135R)	
55th ARS 'Masters of the Art'		KC-135R	
56th AS 'Jumbo Country'		C-5A	
58th AS 'Moose'		C-17A	
306th FTG	USAF Airfield, Colorado Springs, CO		AF
94th FTS		TG-10B/C/D, TG-14A, T-41D, Cessna 150	
98th FTS	Peterson AFB, CO	UV-18A/B	
557th FTS		DA20-C1	
314th AW/OG	Little Rock AFB, AR		
48th AS		C-130J	
53rd AS 'Black Jacks'		C-130E	
62nd AS 'Blue Barons'		C-130E	
45th ALF 'Troop Carrier'	Keesler AFB, MS	C-21A	KS
325th FW/OG	Tyndall AFB, FL		TY
1st FS 'Fightin' Furies'		F-15C/D	
2nd FS 'American Beagle Squadron'			F-15C/D
43rd FS 'American Hornets'		F/A-22A	
95th FS 'Boneheads'		F-15C/D	
336th TRG	Fairchild AFB, WA		
36th RQF 'St Bernards'		UH-1N	
479th FTG	Moody AFB, GA		
3rd FTS 'Peugots'		T-6A	MY
49th FTS 'Black Knights'		T-38C	
435th FTS 'Black Eagles'		T-38C	

- (1) - Squadron will be inactivated
 (2) - Squadron trains pilots for the Republic of China AF
 (3) - Squadron trains pilots for the Republic of Singapore AF
 (4) - Rotary Wing Qualification Course (RWQC)/Specialized Undergraduate Pilot Training — Helicopter (SUPT-H) and Air Force unique training course conducted by the US Army
 (5) - Squadron provides KC-135 Central Flight Instructor's Course using aircraft borrowed from the 55th ARS



above: F-16 pilot conversion is undertaken by the 56th FW at Luke AFB.
 (John Dibbs/The Plane Picture Co)

Air Education & Training Command (AETC) Randolph AFB, TX

Component Unit	Location	Aircraft	Tail Code
Nineteenth Air Force-gained ANG units			
149th FW/OG	Kelly Field, Lackland AFB, TX		SA
182nd FS 'Lone Star Gunfighters'		F-16C/D (Block 30)	
162nd FW/OG (6)	Tucson IAP, AZ		AZ
148th FS 'Kickin' Ass'		F-16A/B (Block 15), F-16A/B (ADF) Block 15, F-16E/F, C-26B	
152nd FS 'Tigers'		F-16C/D (Block 25/42)	
195th FS 'Warhawks'		F-16A/B (Block 15), F-16A/B (ADF) Block 15	
173rd FW/OG	Klamath Falls IAP-Kingsley Field, OR		
114th FS 'Eager Beavers'		F-15B/C/D	
178th FW/OG	Springfield-Beckley MAP, OH		OH
162nd FS 'Sabres'		F-16C/D (Block 30)	
189th AW/OG	Little Rock AFB, AR		
154th TRS 'Razorbacks'		C-130E	

AFRC Tenth Air Force — NAS JRB Fort Worth/Carswell Field, TX AETC-gained AFRC units

302nd AW/OG (7)	Peterson AFB, CO		
302nd OG Det 1	USAF Airfield, CO	Miscellaneous types	
340th FTG (8)	Randolph AFB, TX		
5th FTS 'Spitten Kittens'	Vance AFB, OK	T-1A, T-37B, T-38C	VN
39th FTS 'Cobras'	Moody AFB, GA	T-6A, T-38C	MY
43rd FTS 'Firebirds'	Columbus AFB, MS	T-1A, T-37B, T-38C	CB
96th FTS	Laughlin AFB, TX	T-1A, T-6A, T-38A	XL
97th FTS 'Devil Cats'	Sheppard AFB, TX	T-37B, T-38A, AT-38B	EN
100th FTS 'Panthers'	Randolph AFB, TX	T-1A, T-6A, T-37B, T-38C	RA
944th FW/OG (9)	Luke AFB, AZ		LF
301st FS 'Red Tail Devils'		F-16C/D (Block 25/32)	

(6) - Initial UAE AF Block 60 F-16E/Fs arrived in September 2004

(7) - Associate unit supports USAF Academy training operations

(8) - AETC-gained associate unit provides instructor pilots for active duty unit, no aircraft assigned

(9) - Wing also controls an ACC-gained fighter squadron

below: A neat formation of four upgraded T-38C Talons from the 14th FTW at Columbus AFB, as featured in more detail in *Combat Aircraft* issue 6.5.
 (Greg L. Davis)



AIR FORCE SPACE COMMAND (AFSPC)

The AFSPC is responsible for the USAF's land-based intercontinental ballistic missiles (ICBMs). The command also operates Delta II, Atlas II and Titan IV launch vehicles and is tasked with placing payloads in space and operating those assets. The 30th Space Wing at Vandenberg AFB, CA, and the 45th Space Wing at Patrick AFB, FL, conduct these operations. Additionally, the AFSPC provides weather, communications, ballistic missile warning and space-based intelligence in support of NORAD and STRATCOM. The AFSPC is a component of STRATCOM and its commander is responsible for the Space Warfare Center at Schriever AFB, CO, the Space and Missile Systems Center at Los Angeles AFB, CA, and two numbered Air Forces. Nine major bases are under the cognizance of AFSPC, which is headquartered at Peterson AFB, CO.

AFSPC Bases

Buckley AFB, CO	Patrick AFB, FL
F.E. Warren AFB, WY	Peterson AFB, CO
Los Angeles AFB, CA	Schriever AFB, CO
Malmstrom AFB, MT	Vandenberg AFB, CA
Minot AFB, ND	



Fourteenth Air Force (14th AF)

The 14th AF is responsible for a variety of space-based missions including missile warning, space surveillance, space launch, shuttle support and space operations. Although 14th AF is responsible for five Space Wings, only a single helicopter flight is under its cognizance.

The command's headquarters is located at Vandenberg AFB, CA.



Twentieth Air Force (20th AF)

Headquartered at F.E. Warren AFB, WY, the 20th AF controls three space wings that operate the Minuteman III and Peacekeeper ICBMs from a series of underground silos that are located throughout the northern tier of the midwest US. Helicopter flights within each of these wings

operate the only aircraft assigned to the command. Primarily tasked with supporting the missile silos by moving launch crews, maintenance specialists and spare parts, the aircraft are also used for security operations. Secondary duties include search and rescue (SAR) and medical evacuations (MEDEVAC) in support of civil agencies and the national search and rescue plan.

Air Force Space Command (AFSPC) Peterson AFB, CO

Component Unit	Location	Aircraft	Tail Code
Fourteenth Air Force — Vandenberg AFB, CA			
30th SPW/OG	Vandenberg AFB, CA		HV
76th HF		UH-1N	
Twentieth Air Force — F.E. Warren AFB, WY			
90th SPW/OG	F.E. Warren AFB, WY		FE
319th MS		LGM-30G	
320th MS		LGM-30G	
321st MS		LGM-30G	
400th MS		LGM-118A	
37th HF		UH-1N	
91st SPW/OG	Minot AFB, ND		MT
740th MS		LGM-30G	
741st MS 'Gravel Haulers'		LGM-30G	
742nd MS		LGM-30G	
54th HF 'Nomads of the North'		UH-1N	
341st SPW/OG	Malmstrom AFB, MT		MM
10th MS 'First Ace in the Hole'		LGM-30G	
12th MS 'Red Dawgs'		LGM-30G	
490th MS 'Farsiders'		LGM-30G	
564th MS 'Odd Squad'		LGM-30G	
40th HF		UH-1N	



above: The only aircraft on the strength of Air Force Space Command are Bell UH-1Ns used for rescue purposes. (Phodocu)

AIR FORCE SPECIAL OPERATIONS COMMAND (AFSOC)

Headquartered at Eglin AFB's Hurlburt Field, FL, AFSOC is the USAF component of USSOCOM and supports unified combatant commanders by providing specialized air power in support of unconventional warfare. Its active units include five wings/groups including two groups that are forward deployed OCONUS in support of EUCOM and PACOM. A forward-based special operations group in England will likely relocate to NAS Rota in Spain or NAS Sigonella, Italy as part of EUCOM's ongoing transformation plan. In addition to its flying units, AFSOC's 720th Special Tactics Group is responsible for seven squadrons including three that are geographically separated from the group. No aircraft are assigned to these units, which are tasked with organizing, training and equipping special tactics forces. These forces include pararescue personnel and combat rescue officers (PJ/CRO), combat control teams (CCT), tactical air control parties (TACP) and combat weather personnel. Additionally, two independent squadrons report directly to AFSOC headquarters. Its reserve forces include three ANG and two AFRC wings. The latter report to the 10th AF. Three bases under the command's control include a pair of facilities located within the confines of Eglin AFB.

AFSOC Bases

Moody AFB, GA	Duke Field AS, FL
Hurlburt Field, FL	



above: An air-to-air refueling capability is provided to Special Operations helicopters by the venerable HC-130 and MC-130P Hercules. The two aircraft here are an HC-130P and an HH-60G Pave Hawk. (USAF)

The HH-60G Pave Hawk is used by both AFSOC and Air Force Reserve Command units. (Rick Linares/Dash 2 Aviation Photography)



Air Force Special Operations Command (AFSOC) Hurlburt Field, FL

Component Unit	Location	Aircraft	Tail Code
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Direct Reporting Units

18th FLTS	Hurlburt Field, FL	(No aircraft assigned)	
Det 1 (1)	NAS Patuxent River, MD	(MV-22B)	
Det 3	Nellis AFB, NV	(HH-60G)	
427th SOS	Pope AFB, NC	CN235, UV-20A	
720th STG (2)	Hurlburt Field, FL	(No aircraft assigned)	

16th SOW/OG

Hurlburt Field, FL

4th SOS 'Ghostriders'	Hurlburt Field, FL	AC-130U	
6th SOS 'Commandos'	Hurlburt Field, FL	UH-1N, C-41A	
8th SOS 'Blackbirds' (3)	Duke Field AS, FL	MC-130E, C-130E	
9th SOS 'Night Wings'	Eglin AFB, FL	MC-130P	
15th SOS 'Global Eagles'	Hurlburt Field, FL	MC-130H	
16th SOS 'Spectre'	Hurlburt Field, FL	AC-130H	
20th SOS 'Green Hornets'	Hurlburt Field, FL	MH-53M, NCH-53A	

352nd SOG

RAF Mildenhall, UK

7th SOS 'Air Commandos'		MC-130H	
21st SOS 'Dust Devils'		MH-53M	
67th SOS 'Night Owls'		MC-130P, C-130E	

353rd SOG

Kadena AB, Okinawa, Japan

1st SOS 'Stray Goose Int'l'		MC-130H	
17th SOS 'Jackals'		MC-130P	

347th RQW/OG

Moody AFB, GA

38th RQS		(PJs)	
41st RQS 'Jolly Green'		HH-60G	
71st RQS 'Kings'		HC-130P, C-130E	

563rd RQG

Davis Monthan AFB, AZ

48th RQS		(PJs)	
55th RQS 'Night Hawks'		HH-60G	
79th RQS 'Desert Knights'		HC-130P, C-130E	

OL-A

Nellis AFB, NV

58th RQS		(PJs)	
66th RQS		HH-60G	

AFSOC-gained ANG Units

106th RQW/OG Francis S. Gabreski AP/ANGB, Westhampton Beach, NY

101st RQS		HH-60G	
102nd RQS 'ANG's Oldest Unit'		HC-130N/P	
103rd RQS		(PJs)	

108th ARW/OG (4)

McGuire AFB, NJ

227th SOF		C-32B	
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129th RQW/OG

Moffett Federal Airport ANG, CA

129th RQS		HH-60G	
130th RQS		HC/MC-130P	
131st RQS		(PJs)	

193rd SOW/OG

Harrisburg International AP, PA

193rd SOS 'Quiet Professionals'		EC-130E/J, C-130E	
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AFRC Tenth Air Force — NAS JRB Fort Worth/Carswell Field, TX AFSCOC-gained AFRC units

919th SOW/OG Duke Field AS, FL

711th SOS 'Specter' (5)	Duke Field AS, FL	MC-130E, C-130E/H	
5th SOS 'Shadows' (6)	Eglin AFB, FL	MC-130P	

920th RQW/OG

Patrick AFB, FL

39th RQS	Patrick AFB, FL	HC-130N/P, C-130E	
301st RQS 'Guardian Wings'	Patrick AFB, FL	HH-60G	
943rd RQG	Davis Monthan AFB, AZ		
304th RQS	Portland IAP, OR	(PJs)	
305th RQS	Davis Monthan AFB, AZ	HH-60G	
306th RQS	Davis Monthan AFB, AZ	(PJs)	

(1) - Personnel support the V-22 Integrated Test Team (ITT)

(2) - 720th STG is responsible for seven Special Tactics Squadrons (STS) and a Combat Weather Squadron (CWS)

(3) - Active associate squadron shares aircraft with co-located AFRC squadron

(4) - AMC-gained ANG wing also controls two AMC-gained air refueling squadrons

(5) - Squadron shares aircraft with co-located active duty associate squadron

(6) - Associate squadron shares aircraft with co-located active duty squadron



left: A mainstay of Air Force Special Operations Command is the MC-130H Hercules, also known as the Combat Talon II. This one hails from the 58th SOW at Kirtland AFB.

(Ted Carlson/
Fotodynamics)

below: AFSOC will soon be introducing the MV-22 Osprey to full operational service, and is involved in its USAF development tests.

(James Haseltine)



right: Some examples of the MH-53J Pave Low III Enhanced helicopter remain on the strength of the 551st SOS at Kirtland AFB for training purposes. Operational units use both the J model and the further updated MH-53M. (USAF)

AIR FORCE MATERIEL COMMAND (AFMC)

The development, test, acquisition and support of the USAF's weapon systems is the responsibility of the AFMC, which is headquartered at Wright Patterson AFB, OH. Units under AFMC's cognizance comprise the Aeronautical Systems Center (ASC), Air Force Flight Test Center (AFFTC) and Air Armament Center (AAC). These organizations are supported by three wings and two independent squadrons. Responsibility for three USAF Air Logistic Centers (ALC) or depots and the Aerospace Maintenance and Regeneration Center (AMARC) are also assigned to the command. The ALCs recently underwent a major restructuring, which saw the creation of several new organizations including three new Maintenance Wings (MXW). These wings are responsible for performing periodic depot maintenance (PDM) and overhauling aircraft, missiles, systems and equipment as well as carrying out repairs to crash and battle damaged aircraft. Flight testing of aircraft following major modifications, PDM or in support of engineering projects is conducted by seven AFRC squadrons and flights that report to the 22nd AF. Additionally, the command is responsible for the C-12C/Ds operated on behalf of US Embassies worldwide and assigned to the Air Force Security Assistance Center (AFSAC). The responsibility for the National Museum of the US Air Force also rests with the AFMC, and seven major bases are under its command.

AFMC Bases

Edwards AFB, CA	Robins AFB, GA
Eglin AFB, FL	Tinker AFB, OK
Hill AFB, UT	Wright Patterson AFB, OH
Kirtland AFB, NM	



left: A single C-17A remains on the strength of the AFFTC.
(James Haseltine)

right: An F-15B Eagle from the Air Force Flight Test Center at Edwards AFB. (Phodoc)



Air Force Materiel Command (AFMC) Wright Patterson AFB, OH

Component Unit	Location	Aircraft	Tail Code
AMARC	Davis Monthan AFB, AZ	Miscellaneous types	
Aeronautical Systems Center (ASC) — Wright Patterson AFB, OH			
486th FLTS	Eglin AFB, FL	C-32B	
645th MATS	Wright Patterson AFB, OH		
Det 2	Greenville MAP, TX	NC-135W	MF
Det 4	AF Plant 42/Palmdale PFTI, CA	EC-130H, NC-130E	

below: The AFFTC has been very hard at work on the RQ-4A Global Hawk UAV program. (Ted Carlson/Fotodynamics)



Air Force Materiel Command (AFMC) Wright Patterson AFB, OH

Component Unit	Location	Aircraft	Tail Code
Air Force Flight Test Center (AFFTC) — Edwards AFB, CA			ED
USAF TPS (1)	Edwards AFB, CA	NF-16D, L-39C, (T-38A, AT-38B, UH-1N)	
412th TW/OG	Edwards AFB, CA		
410th FLTS	AF Plant 42/Palmdale PFTI, CA	YF-117A	
411th FLTS	Edwards AFB, CA	F/A-22A	
412th FLTS 'Speckled Trout'	Edwards AFB, CA	C-135C/E	
416th FLTS	Edwards AFB, CA	F-16A/B (Block 15), F-16C (Block 25/40/42), F-16D (Block 25/40/50)	
418th FLTS 'Tigers'	Edwards AFB, CA	C-12C, C-17A, KC-135R	
Det 1	Edwards AFB, CA	CV-22B	
Det 2	Kirtland AFB, NM	NKC-135B/E	
419th FLTS 'Silent Sting'	Edwards AFB, CA	B-52H, B-1B, B-2A	
445th FLTS	Edwards AFB, CA	T-38A/C, AT-38B, F-15A/B/C/D/E	
452nd FLTS	Edwards AFB, CA	YRQ/RQ-4A, YAL-1A	
Air Armament Center — Eglin AFB, FL			
46th TW/OG	Eglin AFB, FL	A/OA-10A, F-15A/B/C/D/E	ET
40th FLTS	Eglin AFB, FL	F-16A/B (Block 15), F-16C (Block 25/40/42/50), F-16D (Block 50), UH-1N, NC-130H	
413th FLTS	Hurlburt Field, FL	(MC-130E/H, AC-130H/U, MH-53M, UH-1N)	
Det 1	Nellis AFB, NV	HH-60G	
46th TESTG	Holloman AFB, NM		
586th FLTS 'Roadrunners'	Holloman AFB, NM	AT-38B, C-12J	HT
USAF Air Logistics Centers (ALC) — Wright Patterson AFB, OH			
Ogden Air Logistics Center (OO-ALC)			
309th MXW	Hill AFB, UT	(A-10, C-130, F-16, LGM-30, LGM-118)	
Oklahoma City Air Logistics Center (OC-ALC)			
76th MXW	Tinker AFB, OK	(B-1, B-52, C-135, E-3)	
Warner Robins Air Logistics Center (WR-ALC)			
402nd MXW	Robins AFB, GA	(C-5, C-17, C-130, F-15)	
Air Force Security Assistance Center (AFSAC) — Wright Patterson AFB, OH			
DIA Air Operations (Embassy Flights)			
Buenos Aires, Argentina		C-12D	
Canberra, Australia		C-12C	
La Paz, Bolivia		C-12D	
Bogota, Colombia		C-12C	
Budapest, Hungary		C-12D	
Jakarta, Indonesia		C-12C	
Abidjan, Ivory Coast		C-12C	
Nairobi, Kenya		C-12D	
Islamabad, Pakistan		C-12C	
Manila, Philippines		C-12C	
Riyadh, Saudi Arabia		C-12C	
Bangkok, Thailand		C-12C	
DSCA Air Operations (Embassy Flights)			
Cairo, Egypt		C-12C	
Tegucigalpa, Honduras		C-12C	
Dhahran, Saudi Arabia		C-12C	
Ankara, Turkey		C-12C	
AFRC Twenty-Second Air Force — Dobbins AFB, GA			
AFMC-gained AFRC units			
413th FLTG (2)	Robins AFB, GA		
10th FLTS	Tinker AFB, OK	(C/KC/EC/RC-135, B-1, E-3, E-4)	
313th FLTF	Kelly Field, Lackland AFB, TX	(KC-135, KC-10)	
339th FLTS	Robins AFB, GA	(C-5, C-141, C-130, F-15)	
415th FLTF	Randolph AFB, TX	(T-37B, T-38C)	RT
420th FLTF	Williams Gateway AP, Mesa, AZ	(T-38C)	
370th FLTS (3)	Edwards AFB, CA	(C-12C, C-17A, KC-135R)	ED
Det 1	Kirtland AFB, NM	(NKC-135B/E)	
514th FLTS	Hill AFB, UT	(C-130, F-16A/B/C/D, A-10A)	

- (1) - USAFTPS shares aircraft operated by the 412th TW
- (2) - No aircraft are assigned. Crews perform post-maintenance functional check flights in support of depots
- (3) - Associated unit shares aircraft with co-located active duty organization

AIR MOBILITY COMMAND (AMC)

Tasked with providing airlift, aeromedical evacuation, and tanker support for all branches of the US military, AMC is the air force component of TRANSCOM. As such, it also provides forces to unified combatant commanders in support of wartime tasking. Additionally, the Air Mobility Warfare Center (AMWC) is assigned directly to the command. Its mission is similar to that of ACC's Air Warfare Center at Nellis AFB. Located at Scott AFB, IL, Air Mobility Command is responsible for 12 major bases and a single numbered air force.

AMC Bases

Andrews AFB, MD	McChord AFB, WA
Charleston AFB, SC	McConnell AFB, KS
Dover AFB, DE	McGuire AFB, NJ
Fairchild AFB, WA	Pope AFB, NC
Grand Forks AFB, ND	Scott AFB, IL
MacDill AFB, FL	Travis AFB, CA



Eighteenth Air Force (18th AF)

Also located at Scott AFB, IL, the 18th AF is responsible for supporting numerous Combatant Commands. Organizations that report to the command include 16 active air force wings/groups and the Tanker Airlift Control Center (TACC), which serves as an air operations hub, directing tanker and transport aircraft operations around the world. The command also controls the 15th and 21st Expeditionary Mobility Task Forces (EMTF), which act as lead agencies for conducting mobility operations worldwide. The geographically aligned EMTFs are also responsible for four air mobility operations groups. Whereas the 15th EMTF's primary focus is on the Pacific and South America, the 21st EMTF has responsibility for Europe and Southwest Asia. Both organizations support NORTHCOM and JFCOM requirements. AMC's reserve component forces include 43 ANG and 28 AFRC groups and wings. Three additional ANG squadrons are attached to ACC-gained wings. The AFRC units report to the 4th AF and 22nd AF.

below: A C-5B Galaxy of the 60th AMW at Travis AFB being loaded with a truck full of humanitarian supplies destined for Iraq. (USAF)



above: The USAF's latest airlift workhorse is the superb C-17A Globemaster III. (Mark Farmer)

Air Mobility Command (AMC) — Scott AFB, IL

Component Unit	Location	Aircraft	Tail Code
Air Mobility Warfare Center (AMWC) — Fort Dix, NJ			
29th WPS (1)	Little Rock AFB, AR	(C-130E/H)	
57th WPS (1)	McGuire AFB, NJ	(C-17A)	
509th WPS (1)	Fairchild AFB, WA	(KC-135R)	
34th CTS	Little Rock AFB, AR	(No aircraft assigned)	

Eighteenth Air Force - Scott AFB, IL

AMCAOS (2)	Scott AFB, IL	
Det 1	Travis AFB, CA	(No aircraft assigned)
Det 2	Altus AFB, OK	(No aircraft assigned)
Det 3	Little Rock AFB, AR	(No aircraft assigned)
Det 4	Keesler AFB, MS	(No aircraft assigned)
Det 5 (3)	Fort Rucker, AL	(No aircraft assigned)
AMC FLTS	McGuire AFB, NJ	(No aircraft assigned)
15th EMTF	Travis AFB, CA	(No aircraft assigned)
615th CRW	Travis AFB, CA	(No aircraft assigned)
21st EMTF	McGuire AFB, NJ	(No aircraft assigned)
621st CRW	McGuire AFB, NJ	(No aircraft assigned)
TACC	Scott AFB, IL	(No aircraft assigned)
6th AMW/OG	MacDill AFB, FL	
91st ARS		KC-135R
310th AS (4)		C-37A
19th ARG	Robins AFB, GA	
99th ARS		KC-135R
22nd ARW/OG	McConnell AFB, KS	
344th ARS 'Ravens'		KC-135R/T
349th ARS 'Blue Knights'		KC-135R/R(RT)
350th ARS 'Red Falcons'		KC-135R
384th ARS 'Square Patches'		KC-135R/R(RT)
43rd AW/OG	Pope AFB, NC	
2nd AS 'Lancers'		C-130E
41st AS 'Black Cats'		C-130E
60th AMW/OG	Travis AFB, CA	
6th ARS 'Pegasus'		KC-10A
9th ARS 'Universal'		KC-10A
21st AS 'Beeliners'		C-5A/B/C
22nd AS 'Mules'		C-5A/B/C
62nd AW/OG	McChord AFB, WA	
4th AS 'Fighting Fourth'		C-17A
7th AS 'Willing and Able'		C-17A
8th AS 'Soaring Stallions'		C-17A
10th AS		C-17A
89th AW/OG	Andrews AFB, MD	
1st HS '1st Heli'		UH-1N
1st AS 'Sam Fox'		C-12C/D, C-32A, C-40B
99th AS 'Sam Fox'		C-9C, C-20B/C, C-37A
PAG		
PAS		VC-25A
92nd ARW/OG	Fairchild AFB, WA	
92nd ARS 'Black Hawks'		KC-135R/T
93rd ARS		KC-135R/T
96th ARS 'Screaming Eagles'		KC-135R/T
97th ARS		KC-135R/T

(1) - Aircraft are borrowed as required from host unit at respective bases

(2) - AMCAOS supports training efforts

(3) - C-12 fixed wing training is conducted by Flight Safety Int'l (FSI) at Doltan AP, AL and monitored by Det 5

(4) - Squadron supports USCENCOM, USSOCOM and USSOUTHCOM

Air Mobility Command (AMC) — Scott AFB, IL

Component Unit	Location	Aircraft	Tail Code
305th AMW/OG	McGuire AFB, NJ		
2nd ARS 'Second to None'		KC-10A	
6th AS 'Bully Beef Express'		C-17A	
32nd ARS 'Capt Shreve Sq'n'		KC-10A	
317th AG	Dyess AFB, TX		
39th AS 'Trail Blazers'		C-130H	
40th AS 'Screaming Eagles'		C-130H	
319th ARW/OG	Grand Forks AFB, ND		
905th ARS 'Rhinos'		KC-135R/T	
906th ARS 'Dakrats'		KC-135R/T	
911th ARS 'Red Eagles'		KC-135R/T	
912th ARS 'Vipers'		KC-135R/T	
375th AW/OG	Scott AFB, IL		
457th AS 'Wings of Command' (5)			
	Andrews AFB, MD	C-21A, NC-21A	
	Langley AFB, VA	C-21A	
	Wright Patterson AFB, OH	C-21A	
	Scott AFB, IL	C-21A	
	Peterson AFB, CO	C-21A	
	Offutt AFB, NE	C-21A	
12th ALF 'General Delivery'			
54th AS			
458th AS			
84th ALF 'Pride of the Rockies'			
436th AW/OG	Dover AFB, DE		
3rd AS		C-5A/B	
9th AS 'Pelicans'		C-5A/B	
437th AW/OG	Charleston AFB, SC		
14th AS 'Pelicans'		C-17A	
15th AS 'Global Eagles'		C-17A	
16th AS		C-17A	
17th AS 'AAA Moving'		C-17A	
463rd AG	Little Rock AFB, AR		
50th AS 'Red Devils'		C-130H3	
61st AS 'Green Hornets'		C-130E	

Eighteenth Air Force-gained ANG units

101st ARW/OG	Bangor IAP, ME	
132nd ARS 'Maineiacs'		KC-135E
105th AW/OG	Stewart IAP/ANGB, Newburgh, NY	
137th AS 'Fearless Ones'		C-5A
107th ARW/OG	Niagara Falls IAP/ARS, NY	
136th ARS 'New York's Finest'		KC-135R
108th ARW/OG (6)	McGuire AFB, NJ	
141st ARS 'Tigers'		KC-135E
150th ARS 'Bet on Us'		KC-135E
109th AW/OG	Schenectady County AP-Stratton ANG, Scotia, NY	
139th AS 'Ravens'		C-130H2, LC-130H2/3, LC-130R

(5) - Squadron operates two C-21As on behalf of AFFSA

(6) - Wing also controls an AFSOC-gained special operations flight

below: **Two wings include KC-10A Extender squadrons. An example from the 60th AMW is refueling an F/A-22A in this shot.** (USAF)



Air Mobility Command (AMC) — Scott AFB, IL

Component Unit	Location	Aircraft	Tail Code
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Eighteenth Air Force-gained ANG units continued

113th Wing/OG (7)	Andrews AFB, MD	
201st AS		C-38A, C-40C
117th ARW/OG	Birmingham IAP/Sumpter Smith ANGB, AL	
106th ARS 'Rebels'		KC-135R
118th AW/OG	Nashville IAP, TN	
105th AS 'Old Hickory'		C-130H2
121st ARW/OG	Rickenbacker IAP/ANGB, Columbus, OH	
145th ARS 'Tazz'		KC-135R
166th ARS 'Sluff'		KC-135R
123rd AW/OG	Louisville IAP/Standiford Field, KY	
165th AS 'Thoroughbred Express'		C-130H2
124th Wing/OG (7)	Boise Airport/Gowen Field, ID	
189th AS		C-130E
126th ARW/OG	Scott AFB/MidAmerica Airport, IL	
108th ARS		KC-135E
127th Wing/191st AG (7)	Selfridge ANGB, Mount Clemens, MI	
171st AS 'Six-Pack'		C-130E
128th ARW/OG	Gen Mitchell IAP/ARS, Milwaukee, WI	
126th ARS		KC-135R
130th AW/OG	Yeager Airport, Charleston, WV	
130th AS 'Mountaineers'		C-130H2/3
133rd AW/OG	Minneapolis-St Paul IAP/ARS, MN	
109th AS		C-130H3
134th ARW/OG	McGhee Tyson Airport/ANGB, Knoxville, TN	
151st ARS		KC-135E
136th AW/OG	NAS JRB Fort Worth/Carswell Field, TX	
181st AS		C-130H2
137th AW/OG	Will Rogers World Airport, Oklahoma City, OK	
185th AS		C-130H2
139th AW/OG	Rosecrans Memorial Airport, St Joseph, MO	
180th AS		C-130H2
140th Wing/OG (7)	Peterson AFB, Colorado Springs, CO	
200th AS 'Bobcats'		C-21A
141st ARW/OG	Fairchild AFB, WA	
116th ARS 'Ace of Spades'		KC-135R, C-26B
143rd AW/OG	Quonset State Airport, Providence, RI	
143rd AS 'Rhode Island Reds'		C-130E, C-130J
145th AW/OG	Charlotte/Douglas IAP, NC	
156th AS 'First in Flight'		C-130H3
146th AW/OG	NB Ventura County/Point Mugu-Channel Islands ANG, CA	
115th AS		C-130E, C-130J
151st ARW/OG (8)	Salt Lake City IAP, UT	
191st ARS 'Salty Guard'		KC-135E
152nd AW/OG	Reno-Tahoe IAP/May ANGB, NV	
192nd AS 'High Rollers'		C-130H2
153rd AW/OG	Cheyenne Regional Airport, WY	
187th AS		C-130H3
155th ARW/OG	Lincoln MAP/ANGB, NE	
173rd ARS 'Huskers'		KC-135R
156th AW/OG	Luiz Munoz Marin IAP/Muñiz ANGB, PR	
198th AS 'Buccaneers'		C-130E, UC-26C
157th ARW/OG	Pease International Tradeport/ANGS, Portsmouth, NH	
133rd ARS 'Wildcats'		KC-135R
161st ARW/OG	Phoenix Sky Harbor IAP, AZ	
197th ARS 'Copperheads'		KC-135R
163rd ARW/OG	March ARB, CA	
196th ARS 'Grizzlies'		KC-135R
164th AW/OG	Memphis IAP, TN	
155th AS 'Memphis Belle'		C-5A
165th AW/OG	Savannah IAP, GA	
158th AS 'Savannah Guard Dogs'		C-130H2

(7) - Wing is ACC-gained

(8) - Wing will transition to the KC-135R

Air Mobility Command (AMC) — Scott AFB, IL

Component Unit	Location	Aircraft	Tail Code
Eighteenth Air Force-gained ANG units continued			
166th AW/OG	New Castle County Airport, DE		
142nd AS		C-130H2	
167th AW/OG	Eastern WV RAP/Shepherd Field, Martinsburg, WV		
167th AS		C-130H3	
171st ARW/OG	Pittsburgh IAP, PA		
146th ARS		KC-135R	
147th ARS		KC-135R	
172nd AW/OG	Jackson IAP/Allen C. Thompson Field, MS		
183rd AS 'Wings of the Deep South'		C-17A	
175th Wing/135th AG (7)	Martin State Airport/Warfield ANGB, Baltimore, MD		
135th AS 'Baltimore's Best'		C-130J	
179th AW/OG	Mansfield Lahm Airport, OH		
164th AS		C-130H2	
182nd AW/OG	Greater Peoria Regional AP, IL		
169th AS 'Peoria Air Guard'		C-130E/C-130H3	
184th ARW/OG	McConnell AFB, KS		
127th ARS 'Jayhawks'		KC-135R	
185th ARW/OG	Sioux Gateway AP/Col Bud Day Field, Sioux City, IA		
174th ARS 'Bats'		KC-135E	
186th ARW/OG	Meridian RAP - Key Field, MS		
153rd ARS 'Magnolia Militia'		KC-135R, C-26B	
190th ARW/OG (8)	Forbes Field Airport, Topeka, KS		
117th ARS 'Kansas Coyotes'		KC-135E/D	

AFRC Fourth Air Force — March AFB, CA — AMC-gained AFRC units

349th AMW/OG (9)	Travis AFB, CA		
70th ARS		KC-10A	
79th ARS		KC-10A	
301st AS		C-5A/B/C	
312th AS		C-5A/B/C	
433rd AW/OG	Kelly Field, Lackland AFB, TX		
68th AS		C-5A	
434th ARW/OG	Grissom AFB, IN		
72nd ARS		KC-135R	
74th ARS		KC-135R	
445th AW/OG (10)	Wright Patterson AFB, OH		
89th AS 'Rhinos'		C-141C	
356th AS		C-141C	
446th AW/OG (9)	McChord AFB, WA		
97th AS		C-17A	
313th AS		C-17A	
728th AS 'Flying Knights'		C-17A	
452nd AMW/OG	March AFB, CA		
336th ARS		KC-135R	
729th AS 'Pegasus' (11)		C-141C	
459th ARW/OG	Andrews AFB, MD		
756th ARS		KC-135R	
507th ARW/OG	Tinker AFB, OK		
465th ARS 'Okies'		KC-135R	
931st ARG	McConnell AFB, KS		
18th ARS 'Kanza'		KC-135R	
916th ARW/OG	Seymour Johnson AFB, NC		
77th ARS 'Totin Tigers'		KC-135R	
927th ARW/OG	Selfridge ANGB, MI		
63rd ARS 'Flying Jennies'		KC-135R	
932nd AW/OG (12)	Scott AFB, IL		
73rd AS		C-9A	
939th ARW/OG	Portland International AP, OR		
64th ARS		KC-135R	
940th ARW/OG	Beale AFB, CA		
314th ARS 'Warhawks'		KC-135R	

(7) - Wing is ACC-gained, (8) - Wing will transition to the KC-135R
 (9) - Associate unit shares aircraft with co-located active duty wing
 (10) - Wing will transition to the C-5A
 (11) - Squadron will transition to the C-17A
 (12) - Wing will receive three C-40Cs

Air Mobility Command (AMC) — Scott AFB, IL

Component Unit	Location	Aircraft	Tail Code
AFRC Twenty-Second Air Force — Dobbins AFB, GA AMC-gained AFRC units			
94th AW/OG	Dobbins AFB, GA		
700th AS (FTU)		C-130H2	
302nd AW/OG	Peterson AFB, CO		
731st AS		C-130H3	
315th AW/OG (9)	Charleston AFB, SC		
300th AS		C-17A	
317th AS 'First in Reserve'		C-17A	
701st AS 'Turtles'		C-17A	
403rd Wing/OG	Keesler AFB, MS		
53rd WRS 'Hurricane Hunters'		WC-130H/J	
815th AS 'Jennies'		C-130J	
439th AW/OG	Westover AFB, MA		
337th AS		C-5A	
440th AW/OG	General Mitchell IAP/ARS, Milwaukee, WI		
95th AS 'Flying Badgers'		C-130H	
512th AW/OG (9)	Dover AFB, DE		
326th AS 'Flying Bunnies'		C-5A/B	
709th AS		C-5A/B	
514th AMW/OG (9)	McGuire AFB, NJ		
76th ARS 'Freedom's Spirit'		KC-10A	
78th ARS		KC-10A	
732nd AS 'Rams'		C-17A	
908th AW/OG	Maxwell AFB, AL		
357th AS 'Deliverance'		C-130H2	
910th AW/OG	Youngstown-Warren RAP/ARS, OH		
757th AS 'Blue Tigers'		C-130H2	
773rd AS 'Quiet Professionals'		C-130H2	
911th AW/OG	Pittsburgh IAP/ARS, PA		
758th AS		C-130H2	
913th AW/OG	NAS JRB Willow Grove, PA		
327th AS		C-130E	
914th AW/OG	Niagara Falls IAP/ARS, NY		
328th AS		C-130H3	
934th OG/OG	Minneapolis-St Paul IAP/ARS, MN		
96th AS 'Flying Vikings'		C-130H2	

(9) - Associate unit shares aircraft with co-located active duty wing



left: The biggest of the lot — a C-5B Galaxy on the strength of the 60th AMW.
 (Ted Carlson/Fotodynamics)

below: One of the District of Columbia ANG's new Boeing C-40Cs during a stopover at Sarajevo Airport in Bosnia-Herzegovina. The 201st Airlift Squadron is responsible for flying members of Congress and other dignitaries on government business overseas. (USAF)





left: Going vertical over the rugged Alaskan terrain, this 3rd Wing F-15C bears the markings of the 19th Fighter Squadron's commander. (Giampaolo Agostinelli)

right: The 3rd Wing at Elmendorf AFB boasts a squadron (the 90th FS) of F-15E Strike Eagles. (Mark Farmer)



PACIFIC AIR FORCES (PACAF)

As the USAF component of USPACOM, PACAF is responsible for air operations in the Pacific and Asian regions. The command's four numbered air forces are located in Japan, the Republic of Korea, Alaska, and Guam. A single airlift wing is assigned directly to PACAF headquarters, which is located at Hickam AFB, HI. The command's assets include approximately 300 fighter, intra-theater airlift, aerial refueling, airborne early warning and combat rescue aircraft. A pair of Air National Guard wings in Alaska and a third in Hawaii are also under PACAF control. Four major bases are under PACAF's direct control; however, several units are stationed at facilities owned by the air forces of Japan and the Republic of Korea.

PACAF Bases

Andersen AFB, Guam
Eielson AFB, AK

Elmendorf AFB, AK
Hickam AFB, HI



Fifth Air Force (5th AF)

Stationed at Yokota AB, Japan, the 5th AF is responsible for three wings based on Okinawa and the Japanese home Islands. These organizations include a large 'composite' wing and airlift and fighter wings.



Seventh Air Force (7th AF)

A pair of fighter wings are assigned to the 7th AF, which is located at Osan AB, Republic of Korea (ROK). The command's units conduct air operations in the ROK and the Northwest Pacific region. The wings also support United Nations Command, US-ROK Combined Forces Command and US Forces Korea.



Eleventh Air Force (11th AF)

Tasked with defending the Northern Pacific, the 11th AF is the largest of PACAF's commands and maintains numerous bases and remote operating sites throughout Alaska. Its organizations include one fighter wing and a 'composite' wing, which operates fighters, tankers, transports and C2 aircraft. The command is currently responsible for three ANG wings in Alaska and Hawaii. The Hawaii-based organization will however transfer to the 13th AF later this year.



Thirteenth Air Force (13th AF)

Currently located at Andersen AFB, Guam, the 13th AF began relocating to Hickam AFB, HI, in May 2005, in support of PACOM's ongoing restructuring and transformation. Upon its arrival the command will assume responsibility for the 15th Airlift Wing at Hickam, which currently reports directly to PACAF headquarters. The command's area of operations (AO) is the largest in the USAF and stretches from the eastern coast of Africa to the western coast of South America.

Pacific Air Forces (PACAF) — Hickam AFB, HI

Component Unit	Location	Aircraft	Tail Code
15th AW/OG (1)	Hickam AFB, HI		
65th AS 'Special Missions Hawaii'		C-40B, C-37A	

Fifth Air Force — Yokota AB, Japan

18th Wing/OG	Kadena AB, Okinawa, Japan		ZZ
31st RQS	Kadena AB, Okinawa	(PJs)	
33rd RQS	Kadena AB, Okinawa	HH-60G	
Det 1	Osan AB, ROK	HH-60G	
44th FS 'Vampires'	Kadena AB, Okinawa	F-15C/D	
67th FS 'Fighting Cocks'	Kadena AB, Okinawa	F-15C/D	
909th ARS 'Young Tigers'	Kadena AB, Okinawa	KC-135R/T	
Det 1	Andersen AFB, Guam	KC-135R/T	
961st AACS 'Eyes of the Pacific'	Kadena AB, Okinawa	E-3B/C	
35th FW/OG	Misawa AB, Japan		WW
13th FS 'Panthers'		F-16C/D (Block 50)	
14th FS 'Samurais'		F-16C/D (Block 50)	
374th AW/OG	Yokota AB, Japan		YJ
36th AS 'Eagle Airlifters'		C-130E	
459th AS 'Orient Express'		C-21A, UH-1N	

Seventh Air Force — Osan AB, Republic of Korea

8th FW/OG	Kunsan AB, ROK		WP
35th FS 'Panthers'		F-16C/D (Block 40)	
80th FS 'Juvats'		F-16C/D (Block 30)	
51st FW/OG	Osan AB, ROK		OS
25th FS 'Assam Dragons'		A/OA-10A	
36th FS 'Flying Fiends'		F-16C/D (Block 40)	
55th ALF 'Double Nickel'		C-12J	

Eleventh Air Force — Elmendorf AFB, AK

3rd Wing/OG	Elmendorf AFB, AK		AK
12th FS 'Dirty Dozen'		F-15C/D	
19th FS 'Gamecocks'		F-15C/D	
90th FS 'Pair O'Dice'		F-15E	
517th AS 'Firebirds'		C-130H	
Det 1		C-12F/J	
962nd AACS 'Eyes of the Eagle'		E-3B/C	
354th FW/OG	Eielson AFB, AK		AK
18th FS 'Blue Foxes'		F-16C/D (Block 40)	
355th FS 'Flying Falcons'		A/OA-10A	

Eleventh Air Force-gained ANG units

154th Wing/OG	Hickam AFB, HI		HH
199th FS		F-15A/B	
203rd ARS		KC-135R	
204th AS (2)		C-130H3	
168th ARW/OG	Eielson AFB, AK		
168th ARS		KC-135R	
176th Wing/OG	Ted Stevens Anchorage IAP/Kulis ANGB, AK		AN
144th AS	Anchorage IAP/ Kulis ANGB	C-130H2	
210th RQS	Anchorage IAP/ Kulis ANGB	HH-60G	
Det 1	Eielson AFB, AK	HH-60G	
211th RQS	Anchorage IAP/ Kulis ANGB	HC-130N	
212th RQS	Anchorage IAP/ Kulis ANGB	(PJs)	

Thirteenth Air Force — Andersen AFB, Guam (3)

36th AEW	Andersen AFB, Guam		
Rotational Units			
(1) - Wing will be assigned to the 13th Air Force and 535th will be activated to operate the C-17A			
(2) - Squadron will transition to the C-17A			
(3) - Thirteenth Air Force will relocate to Hickam AFB, HI			

UNITED STATES AIR FORCES IN EUROPE (USAFE)

Headquartered at Ramstein AB, Germany, USAFE serves as the air force component of EUCOM. Its AOR includes Iceland, Europe, the Mediterranean, Middle East and Africa and comprises 93 countries. The command is responsible for two numbered air forces.



Third Air Force (3rd AF)

Currently, the 3rd AF's four wings include fighter and air refueling wings in England along with a second fighter wing and an airlift wing in Germany. A composite group in Iceland was recently realigned as part of the 48th Fighter Wing. Its assets include more than 200 aircraft.

Headquartered at RAF Mildenhall, UK, the command is responsible for all USAF operations and activities north of the Alps and supports Regional Headquarters Allied Forces Northern Europe (RHQ AFNORTH) and Allied Air Forces North (AIRNORTH). As part of EUCOM's ongoing transformation, the German-based fighter wing will likely be relocated.



Sixteenth Air Force (16th AF)

Tasked with supporting Regional Headquarters Allied Forces Southern Europe (RHQ AFSOUTH) and Allied Air Forces South (AIRSOUTH), the 16th AF is responsible for USAFE operations in Southern Europe. The command headquarters is located at Aviano AB, Italy, alongside its only fighter wing. A composite wing based in Turkey and staffed by units deployed on temporary duty is also assigned. Less than 50 aircraft are permanently on the strength of the command.

United States Air Forces in Europe (USAFE) Ramstein AB, Germany

Component Unit	Location	Aircraft	Tail Code
Third Air Force — RAF Mildenhall, UK			
48th FW/OG	RAF Lakenheath, UK		LN
492nd FS 'Madhatters'		F-15E	
493rd FS 'Grim Reapers'		F-15C/D	
494th FS 'Panthers'		F-15E	
85th Group	NAS Keflavik, Iceland		
56th RQS 'Friends in Low Places'		HH-60G	IS
85th OS		TDY F-15/F-16, HC-130, KC-135	
52nd FW/OG	Spangdahlem AB, Germany		SP
22nd FS 'Stingers'		F-16C/D (Block 50)	
23rd FS 'Fighting Hawks'		F-16C/D (Block 50)	
81st FS 'Panthers'		A/OA-10A	
86th AW/OG	Ramstein AB, Germany		
37th AS 'Bluetail Flies'	Ramstein AB, Germany	C-130E	RS
76th AS 'SAM Europe'	Ramstein AB, Germany	C-9A, C-20H, C-21A	
309th AS	Chievres AB, Belgium	C-37A	
38th AS(P)	Ramstein AB, Germany	Rotational C-130s	
100th ARW/OG	RAF Mildenhall, UK		
351st ARS		KC-135R	
Sixteenth Air Force — Aviano AB, Italy			
31st FW/OG	Aviano AB, Italy		AV
510th FS 'Buzzards'		F-16C/D (Block 40)	
555th FS 'Triple Nickel'		F-16C/D (Block 40)	
39th Wing/OG	Incirlik AB, Turkey		
Rotational Units			



A spectacular break by two F-15C Eagles of the 3rd Wing.
(John Dibbs/The Plane Picture Co)



The 'WW' tailcode denotes the 'Wild Weasel' role of these F-16Cs from the 35th FW at Misawa AB, Japan. (Mark Farmer)

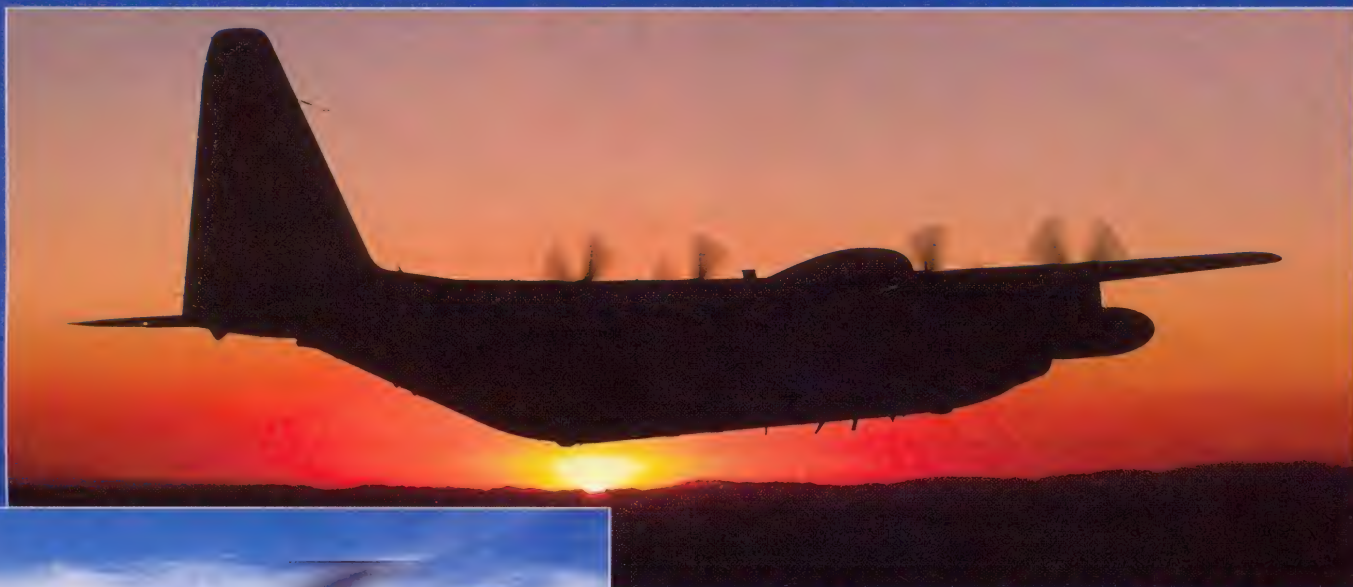


above left: A relatively recent delivery to USAFE's primary VIP transport squadron, the 76th AS at Ramstein AB, is this C-20H. (Ben Dunnell)

left: USAFE's sole UK-based combat aircraft are the F-15Es of the 48th FW at RAF Lakenheath. These aircraft from the 494th FS are approaching to land at their home base. (Jamie Hunter/Aviacom)

RESERVES

At times of national or global crisis, the USAF can call upon the assets it holds in reserve, either as part of Air Force Reserve Command (AFRC) or the Air National Guard (ANG). Both maintain an intensive training program at all times, to ensure that aircraft and personnel are always 'ready for action'. This spread depicts just a few of the aircraft types used by AFRC and the ANG

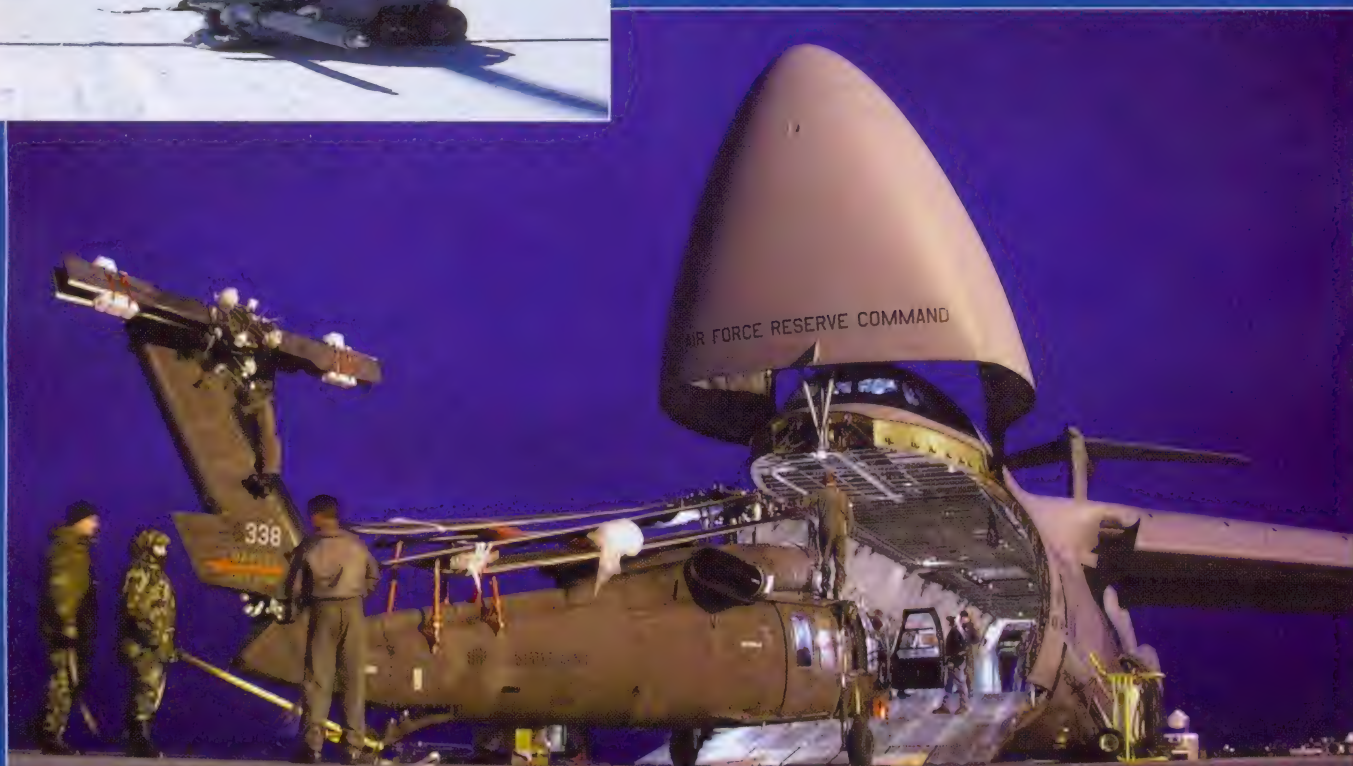


above: An HC-130P Hercules from the 129th Rescue Squadron, California ANG. (Ted Carlson/Fotodynamics)



left: This HH-60G Pave Hawk of the 210th Rescue Squadron, Alaska ANG is pictured in a typical habitat for its home state — on the Mount Spur volcano. (Mark Farmer)

below: Two squadrons of Air Force Reserve Command fly C-5A Galaxy transports and are gained by Air Mobility Command if necessary. (Mark Farmer)



ON GUARD

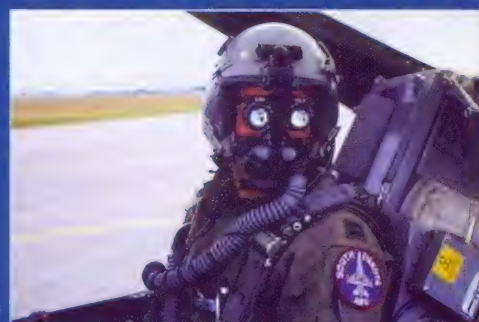


Four A-10A Thunderbolt IIs from the 172nd FS, Michigan ANG.
(Ted Carlson/Fotodynamics)



above: An F-15A Eagle from the 110th FS, part of the Missouri ANG (its SL tailcode denoting the unit's base in St Louis) firing flares.
(Jim Haseltine)

below: Nice glasses! An F-16 pilot from the South Dakota ANG shows off his night vision goggles.
(Jim Haseltine)



A quartet of F-15s from the 122nd FS, Louisiana ANG flying over downtown New Orleans. *(Giampaolo Agostinelli)*

AIR FORCE RESERVE COMMAND (AFRC)

Controlling three numbered air forces, the USAF's ninth major command is also its youngest, having been established in 1997. AFRC units operate their own fleet of approximately 450 combat and support aircraft. Additionally, as part of the Reserve Associate Program, AFRC personnel fly and maintain approximately 300 aircraft that are shared with, but 'owned' by, active duty units. When mobilized, the command's 40 flying wings and groups are assigned to other USAF's Major Commands. AFRC is responsible for six major bases and headquartered at Robins AFB, GA.

AFRC Bases

Dobbins ARB, GA	March ARB, CA
Grierson ARB, IN	Dobbins ARB, GA
Homestead ARB, FL	Westover ARB, MA



Fourth Air Force (4th AF)

Headquartered at March ARB, CA, the 4th AF is primarily equipped with aerial refueling and inter-theater airlift aircraft. When mobilized, the command's 14 airlift and aerial refueling wings/groups are gained by AMC. The organization includes three 'reserve associate units'.

All of AFRC's tanker units report to the 4th AF and the USAF's remaining C-141C transports are all assigned to the command.



Tenth Air Force (10th AF)

Responsible for the fighter, flying training, and special operations units gained by ACC, AETC and AFSOC, the 10th AF controls 13 reserve wings/groups including seven fighter wings, an 'associate' AWACS group, the reserves' only bomber squadron, a combat rescue wing and its subordinate rescue group, and a special operations wing. This command also controls an 'associate' flying training group that provides flight instructors at each of AETC's training bases. Additionally, an AETC-gained 'associate' fighter squadron supports training at Luke AFB, AZ. A second such outfit supports ACC's operational training at four locations. The command's headquarters is located at NAS Fort Worth JRB/Carswell Field, TX.

Air Force Reserve Command (AFRC)

Summary of AFRC Wings by Air Force and Gaining Command

4th AF — March ARB, CA		10th AF — NAS JRB Fort Worth/Carswell Field, TX	
349th AMW	AMC	917th Wing	ACC
433rd AW	AMC	919th SOW	AFSOC
434th ARW	AMC	920th RQW	AFSOC
445th AW	AMC	926th FW	ACC
446th AW	AMC	944th FW	ACC/AETC
452nd AMW	AMC/AFMC	22nd AF — Dobbins ARB, GA	
459th ARW	AMC	94th AW	AMC
507th ARW	AMC	302nd AW	AMC
931st ARG	AMC	315th AW	AMC
916th ARW	AMC	403rd Wing	AMC
927th ARW	AMC	413th FLTG	AFMC
932nd AW	AMC	439th AW	AMC
939th ARW	AMC	440th AW	AMC
940th ARW	AMC	512th AW	AMC
10th AF — NAS JRB Fort Worth/Carswell Field, TX		514th AMW	AMC
301st FW	ACC	908th AW	AMC
419th FW	ACC	910th AW	AMC
442nd FW	ACC	911th AW	AMC
482nd FW	ACC	913th AW	AMC
340th FTG	AETC	914th AW	AMC
513th ACG	ACC	934th AW	AMC

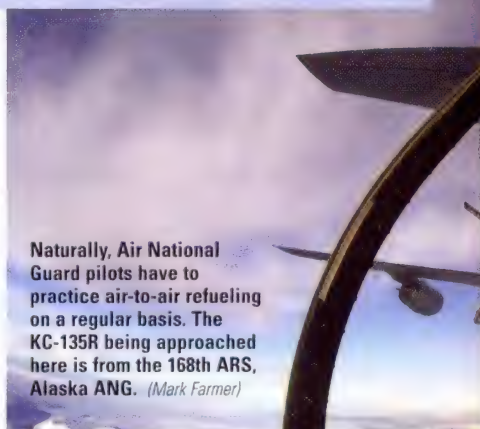


Twenty-Second Air Force (22nd AF)

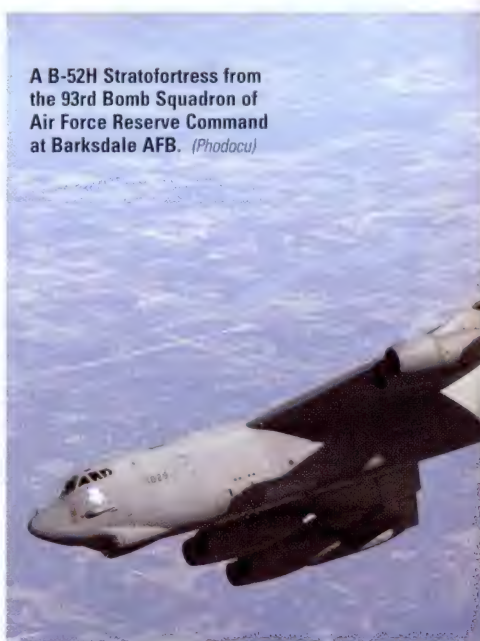
AFRC's entire C-130 tactical airlift fleet is under the cognizance of the 22nd AF, which is headquartered at Dobbins ARB, GA. The intra-theater airlifter is operated by 10 of the command's 14 wings. The remaining organizations, which include three 'associate' wings, operate larger long-range inter-theater transports. Additionally, the command is responsible for an 'associate' flight test group that supports AFMC operations at eight locations.



above: These three aircraft depict part of the variety of types typically operated by a single Air National Guard, in this case the Michigan ANG — an F-16C heads an A-10A and a C-130E. (Ted Carlson/Fotodynamics)



Naturally, Air National Guard pilots have to practice air-to-air refueling on a regular basis. The KC-135R being approached here is from the 168th ARS, Alaska ANG. (Mark Farmer)



A B-52H Stratofortress from the 93rd Bomb Squadron of Air Force Reserve Command at Barksdale AFB. (Phodocu)

AIR NATIONAL GUARD (ANG)

Considered a field operating agency (FOA), the ANG is administered by the National Guard Bureau in Arlington, VA, and the ANG Readiness Center at Andrews AFB, MD. ANG flying units are assigned to 88 wings and located in each of the 50 states, the District of Columbia, and the territory of Puerto Rico. The organizations augment the active duty USAF by supporting operations and exercises worldwide. Assigned both state and federal missions, the units normally report to the state governor (or, in the case of the District of Columbia, the President) via a joint forces headquarters and the Adjutant General (AG). Upon being mobilized for federal duty they are assigned to a

combatant command. The ANG operates nearly 1,200 aircraft, representing approximately 34% of the total air force fleet, and provides the USAF with the following capabilities:

Manned Interceptors	100%
Theater Airlift	49%
Combat Rescue	21%
C2ISR (JSTARS)	50%
General Purpose Fighters	32%
Tactical Air Support	16%
KC-135 Tankers	43%
Strategic Airlift	11%
Special Operations	6%



Air National Guard (ANG)

Summary of ANG Wings by Air Force and Gaining Command

1st AF — Tyndall AFB, FL

102nd FW	ACC
119th FW	ACC
120th FW	ACC
125th FW	ACC
142nd FW	ACC
144th FW	ACC
147th FW	ACC
148th FW	ACC
158th FW	ACC
177th FW	ACC

8th AF — Barksdale AFB, LA

116th ACW*	ACC
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9th AF — Shaw AFB, SC

103rd FW	ACC
104th FW	ACC
110th FW	ACC
111th FW	ACC
113th Wing**	ACC
122d FW	ACC
127th Wing**	ACC
169th FW	ACC
174th FW	ACC
175th Wing**	ACC
180th FW	ACC
181st FW	ACC
187th FW	ACC
192nd FW	ACC

12th AF — Davis Monthan AFB, AZ

114th FW	ACC
115th FW	ACC
124th Wing	ACC
131st FW	ACC
132nd FW	ACC
138th FW	ACC
140th Wing**	ACC
150th FW	ACC
159th FW	ACC
183rd FW	ACC
188th FW	ACC

19th AF — Randolph AFB, TX

149th FW	AETC
162d FW	AETC
173rd FW	AETC
178th FW	AETC
189th AW	AETC

AFSOC — Hurlburt Field, FL

106th RQW	AFSOC
129th RQW	AFSOC
193rd SOW	AFSOC

18th AF — Scott AFB, IL

101st ARW	AMC
105th AW	AMC
107th ARW	AMC
108th ARW	AMC
109th AW	AMC
113th Wing**	AMC
117th ARW	AMC
118th AW	AMC
121st ARW	AMC
123rd AW	AMC
124th Wing**	AMC
126th ARW	AMC
127th Wing**	AMC
128th ARW	AMC
130th AW	AMC
133rd AW	AMC
134th ARW	AMC
136th AW	AMC
137th AW	AMC
139th AW	AMC
140th Wing**	AMC
141st ARW	AMC
143rd AW	AMC
145th AW	AMC
146th AW	AMC
151st ARW	AMC
152nd AW	AMC
153rd AW	AMC
155th ARW	AMC
156th AW	AMC
157th ARW	AMC
161st ARW	AMC
163rd ARW	AMC
164th AW	AMC
165th AW	AMC
166th AW	AMC
167th AW	AMC
171st ARW	AMC
172nd AW	AMC
175th Wing**	AMC
179th AW	AMC
182d AW	AMC
184th ARW	AMC
185th ARW	AMC
186th ARW	AMC
190th ARW	AMC

11th AF — Elmendorf AFB, AK

154th Wing	PACAF
168th ARW	PACAF
176th Wing	PACAF

* — Blended unit

** — Wing controls squadrons assigned to ACC and AMC

ON DEPI



The USAF's combat and support assets have been busier than ever in recent years, taking part in combat, peacekeeping and humanitarian relief operations around the world as well as the regular program of exercises. Here are some examples of the USAF at work in a variety of theaters

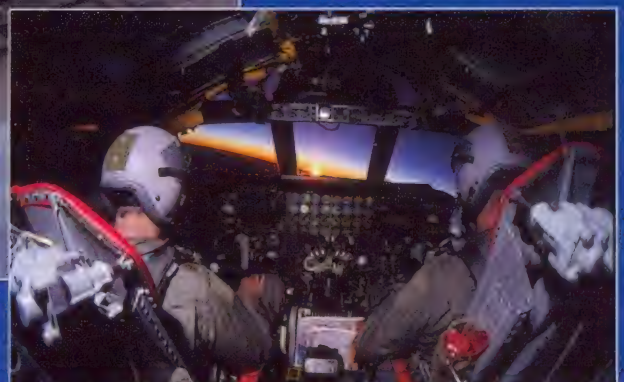
left: A C-5B Galaxy from the 436th AW at Dover AFB seen through a smashed window at Baghdad International Airport. (USAF)

below: One KC-10A Extender lines up to take on fuel from another while engaged on operations over Iraq with the 908th Expeditionary Air Refueling Squadron. (USAF)



left: A B-2 Spirit bomber lines up behind a KC-135 Stratotanker during a deployment to Andersen AFB, Guam, where a continuous bomber rotation is maintained. (USAF)

below: A view from the cockpit of a B-52H on exercise over the Nellis AFB range complex. (Mark Farmer)





left: C-17As have been maintaining a heavy tempo of operations into Iraq. Here, two are preparing to depart the base at Balad. (USAF)

below: A New York ANG LC-130H Hercules sits at Amundsen-Scott South Pole Station in Antarctica while crews unload fuel and cargo during a mission as part of Operation 'Deep Freeze'. (USAF)



above: An F-15E Strike Eagle prepares to refuel during an offensive sortie over Iraq. (USAF)

below: USAF pararescue personnel from the 64th Expeditionary Rescue Squadron being extracted from an abandoned housing site in Baghdad by an HH-60G Pave Hawk helicopter. (USAF)



USAF DATAFILE

■ **USAF Air Bases** ■ **USAF Base Map** ■ **Aircraft Types** ■ **Tail Codes** ■ **Abbreviations** ■

USAF AIR BASES WORLDWIDE

Abraham Lincoln Capital AP, Springfield, IL (ANG)
Anchorage IAP - Kulis ANGB, AK (ANG)
Altus AFB, OK (AETC)
Andrews AFB, MD (AMC)
Atlantic City IAP/ANGB, NJ (ANG)
Bangor IAP, ME (ANG)
Barksdale AFB, LA (ACC)
Beale AFB, CA (ACC)
Birmingham IAP, AL (ANG)
Boise Airport - Gowen Field, ID (ANG)
Bradley IAP/ANGB, CT (ANG)
Buckley AFB, CO (AFSPC)
Burlington IAP, VT (ANG)
Cannon AFB, NM (ACC)
Charleston AFB, SC (AMC)
Charlotte/Douglas IAP, NC (ANG)
Cheyenne Regional AP, WY (ANG)
Columbia MAP/McEntire ANG, SC (ANG)
Columbus AFB, MS (AETC)
Dane County RAP-Truax Field, WI (ANG)
Davis Monthan AFB, AZ (ACC)
Des Moines IAP, IA (ANG)
Dobbins AFB, GA (AFRC)
Dover AFB, DE (AMC)
Duke Field AS, FL (AFSOC)
Duluth IAP/ANGB, MN (ANG)
Dyess AFB, TX (ACC)
Eastern WV RAP, WV (ANG)
Edwards AFB, CA (AFMC)
Eglin AFB, FL (AFMC)
Eielson AFB, AK (PACAF)
Ellington Field/ANGB, TX (ANG)
Ellsworth AFB, SD (ACC)
Elmendorf AFB, AK (PACAF)
Fairchild AFB, WA (AMC)
Forbes Field AP, KS (ANG)
Fort Smith RAP/Ebbing ANGB, AR (ANG)
Fort Wayne IAP, IN (ANG)
Francis. E. Warren AFB, WY (AFSPC)
Francis. S. Gabreski AP, NY (ANG)
Fresno-Yosemite IAP/ANGB, CA (ANG)
Gen. Mitchell IAP/ARS, WI (AFRC)
Grand Forks AFB, ND (AMC)
Greater Peoria RAP, IL (ANG)
Great Falls IAP, MT (ANG)
Grissom AFB, IN (AFRC)
Harrisburg IAP, PA (ANG)
Hector IAP, ND (ANG)
Hickam AFB, HI (PACAF)
Hill AFB, UT (AFMC)
Holloman AFB, NM (ACC)
Homestead AFB, FL (AFRC)
Hurlburt Field, FL (AFSOC)
Indian Springs AFAF, NV (ACC)
Jackson IAP, MS (ANG)
Keesler AFB, MS (AFRC)
Kirtland AFB, NM (AETC)
Klamath Falls IAP-Kingsley Field, OR (ANG)
Lackland AFB/Kelly Field, TX (AETC)
Lambert-St Louis IAP, MO (ANG)
Langley AFB, VA (ACC)
Laughlin AFB, TX (AETC)
Lincoln MAP/ANGB, NE (ANG)
Little Rock AFB, AR (AMC)
Los Angeles AFB, CA (AFSPC)
Louisville IAP, KY (ANG)
Lowe AFB, AL (AETC)
Luiz Munoz Marin IAP, Puerto Rico (ANG)
Luke AFB, AZ (AETC)
MacDill AFB, FL (AMC)
Malmstrom AFB, MT (AFSPC)
Mansfield Lahm AP, OH (ANG)
March AFB, CA (AFRC)
Martin State AP/Warfield ANGB, MD (ANG)
Maxwell AFB, AL (AETC)
McChord AFB, WA (AMC)
McConnell AFB, KS (AMC)
McGhee Tyson AP/ANGB, TN (ANG)
McGuire AFB, NJ (AMC)
Memphis IAP, TN (ANG)
Meridian RAP-Key Field, MS (ANG)
Minneapolis-St Paul IAP/ARS, MN (ANG)
Minot AFB, ND (ACC)
Moffett Federal AP, CA (ANG)
Montgomery RAP-Dannelly Field, AL (ANG)
Moody AFB, GA (AFSOC)
Mountain Home AFB, ID (ACC)
NAS Ft Worth JRB-Carswell Field, TX (ANG)
NAS New Orleans JRB, LA (ANG/AFRC)
NAS Whidbey Island, WA (ACC)
NAS Willow Grove JRB, PA (ANG/AFRC)
Nashville IAP, TN (ANG)
NB Ventura County, CA (ANG)
Nellis AFB, NV (ACC)
New Castle County AP, DE (ANG)
Niagara Falls IAP/ARS, NY (AFRC/ANG)
Offutt AFB, NE (ACC)
Otis ANGB, MA (ANG)
Palmdale AP/AF Plant 42 (AFMC)
Patrick AFB, FL (AFSPC)
Pease Int'l Tradeport, NH (ANG)
Peterson AFB, CO (AFSPC)
Pittsburgh IAP/ARS, PA (AFRC/ANG)
Pope AFB, NC (AMC)
Portland IAP/ANGB, OR (ANG)
Quonset State AP, RI (ANG)
Randolph AFB, TX (AETC)
Reno-Tahoe IAP, NV (ANG)
Richmond IAP-Byrd Field, VA (ANG)
Rickenbacker IAP/ANGB, OH (ANG)
Robins AFB, GA (AFMC)
Rosecrans MAP, MO (ANG)
Richmond IAP-Byrd Field, VA (ANG)
Salt Lake City IAP, UT (ANG)
Savannah IAP, GA (ANG)
Schenectady CAP/Stratton ANG, NY (ANG)
Schriever AFB, CO (AFSPC)
Scott AFB-MidAmerica AP, IL (AMC)
Selfridge ANGB, MI (ANG)
Seymour Johnson AFB, NC (ACC)
Shaw AFB, SC (ACC)
Sheppard AFB, TX (AETC)
Sioux Falls RAP-Joe Foss Field, SD (ANG)
Sioux Gateway AP, IA (ANG)
Sky Harbor IAP, AZ (ANG)
Springfield-Beckley MAP, OH (ANG)
Stewart IAP/ANGB, NY (ANG)
Syracuse/Hancock IAP, NY (ANG)
Terre Haute IAP-Hulman field, IN (ANG)
Tinker AFB, OK (AFMC)
Toledo Express AP, OH (ANG)
Travis AFB, CA (AMC)
Tucson IAP, AZ (ANG)
Tulsa IAP, OK (ANG)
Tyndall AFB, FL (AETC)
US Air Force Academy, CO (DRU)
Vance AFB, OK (AETC)
Vandenberg AFB, CA (AFSPC)
W.K. Kellogg AP, MI (ANG)
Westfield-Barnes AP/ANGB, MA (ANG)
Westover AFB, MA (AFRC)
Whiteman AFB, MO (ACC)
Will Rogers World AP, OK (ANG)
Wright Patterson AFB, OH (AFMC)
Yeager Airport, WV (ANG)
Youngstown-Warren RAP/ARS, OH (AFRC)



James Haseltine

OVERSEAS

Akrotiri AB, Cyprus
Andersen AFB, Guam (PACAF)
Aviano AB, Italy (USAFE)
Chievres AB, Belgium (USAFE)
Kadena AB, Japan (PACAF)
Kunsan AB, Republic of Korea
Incirlik AB, Turkey (USAFE)
Lajes Field, Azores (ACC)
Misawa AB, Japan (PACAF)
NAS Keflavik, Iceland (USAFE)
Osan AB, Republic of Korea (PACAF)
RAF Lakenheath, England (USAFE)
RAF Mildenhall, England (USAFE)
Ramstein AB, Germany (USAFE)
Souda Bay AB, Crete
Spangdahlem AB, Germany (USAFE)
Stuttgart AAF, Germany (USAFE)



USAF DATAFILE

AIRCRAFT IN USAF SERVICE

Aero	L-39C Albatros (leased)	General Dynamics/Gulfstream Aerospace	C-20A/B/C Gulfstream III
Antonov	An-26 (leased)		C-20H Gulfstream IV
Bell Helicopter Textron (Bell)	UH-1H/N Iroquois		C-37A Gulfstream V
Bell Helicopter Textron/Boeing Company	CV-22B Osprey	General Dynamics/Gulfstream Aerospace	
Boeing Company	B-52H Stratofortress	(IAI/Galaxy Aircraft)	C-38A Astra
	C-135C/E, NC-135B/E/W, OC-135B,	Grupo Aeromot	TG-14A
	RC-135S/U/V/W, TC-135S/W, WC-135C/W	Let	TG-10B/C/D
	C-17A Globemaster III	Lockheed Martin	AC-130H/U,
	C-25A		C-130E/H/J,
	C-32A/B		EC-130E/H/J,
	C-40B/C		HC-130H/N/P,
	E-3B/C Sentry		LC-130H/R,
	E-4B		MC-130E/H, MC-130N/P,
	YAL-1A		NC-130E/H,
	TC-18E		TC-130H, WC-130H/J Hercules
	KC-135D/E/R/T Stratotanker		C-141C Starlifter
	T-43A, CT-43A		C-5A/B/C Galaxy
Boeing Company (McDonnell Douglas)	C-9A,		F/A-22A Raptor
	VC-9C Nightingale		U-2S, TU-2S
	F-15A/B/C/D Eagle		YF/F-117A Nighthawk
	F-15E Strike Eagle	Lockheed Martin (Fairchild Republic)	OA/A-10A Thunderbolt II
	KC-10A Extender	Lockheed Martin (General Dynamics)	F-16A/B(ADF),
	QF-4E/G Phantom II		F-16A/B/C/D Fighting Falcon
Boeing Company (Rockwell International)	B-1B Lancer	Northrop Grumman	TE-8A, E-8C Joint STARS
Bombardier Aerospace (de Havilland Canada)	E-9A	Northrop Grumman (Northrop)	B-2A Spirit
	UV-18A/B Twin Otter		T-38A, AT-38B, T-38C Talon
Bombardier Aerospace (Learjet Inc)	NC/C-21A Learjet	Northrop Grumman	RQ-4A Global Hawk
Cessna Aircraft	Cessna 150M, 172	Pilatus Aircraft	UV-20A Chiricua
	T-37B Tweet	Raytheon Aircraft (Beech Aircraft)	C-12C/D/F/J Huron
	T-41D		T-1A Jayhawk
Diamond Aircraft	DA20-C1 Falcon (leased)		T-6A Texan II
EADS (CASA)	C-41A	Raytheon Aircraft (British Aerospace)	C-29A (BAe 125-800)
EADS	CN235-100	Schempp-Hirth	TG-15A/B
Fairchild Aerospace	C-26B, UC-26C	Sikorsky Aircraft	HH-60G Pavehawk
General Atomics Aeronautical Systems	RQ-1K/L,		NCH-53A Sea Stallion,
	MQ-1L Predator A		MH-53J/M Pave Low III/IV
	MQ-9A Predator B		

USAF TAIL CODES

Tail Code	Unit	Location	Aircraft	Command	Tail Code	Unit	Location	Aircraft	Command
AC	177th FW	Atlantic City IAP/ANGB, NJ	F-16C	ANG	HD	53rd WEG Det 1	Holloman AFB, NM	QF-4E/G	ACC
AF	306th FTG	US Air Force Academy, CO	TG-10B/C/D, TG-14A,	USAF	HI	419th FW	Hill AFB, UT	F-16C	AFRC
			UV-18A/B, DA20-C1		HL	388th FW	Hill AFB, UT	F-16C/D	ACC
AK	3rd Wing	Elmendorf AFB, AK	F-15C/D, E-3B/C,	PACAF	HO	49th FW	Holloman AFB, NM	F-117A, T-38A	ACC
			C-12F/J, C-130H		HT	46th TESTG	Holloman AFB, NM	AT-38B, C-12J	AFMC
AK	354th FW	Eielson AFB, AK	A/OA-10A, F-16C/D	PACAF	HV	30th SPW	Vandenberg AFB, CA	UH-1N	AFSPC
AL	187th FW	Montgomery RAP/Dannelly Field, AL	F-16C/D	ANG	IA	132nd FW	Des Moines IAP, IA	F-16C	ANG
AN	176th Wing	Anchorage IAP/Kulis ANGB, AK	C/HC-130H, HH-60G	PACAF	ID	124th Wing	Boise Airport/Gowen Field, ID	A/OA-10A	ANG
AV	31st FW	Aviano AB, Italy	F-16C/D	USAFE	IS	85th Group	NAS Keflavik, Iceland	HH-60G	USAFE
AZ	162nd FW	Tucson IAP, AZ	F-16A/B/C/D	AETC	JZ	159th FW	NAS JRB New Orleans, LA	F-15A/B	ANG
BB	9th RW	Beale AFB, CA	U-2S, T-38A, RQ-4A	ACC	KC	442nd FW	Whiteman AFB, MO	A/OA-10A	AFRC
BC	110th FW	W.K. Kellogg Airport/ Battle Creek ANGB, MI	A/OA-10A	ANG	KS	314th AW 45th AS	Keesler AFB, MS	C-21A	AETC
BD	917th Wing	Barksdale AFB, LA	A/OA-10A, B-52H	AFRC	LA	2nd BW	Barksdale AFB, LA	B-52H	ACC
(CA)	129th RQW	Moffett Federal Airport ANG, CA	HC/MC-130P, HH-60G	ANG	LD	17th TRW	Lackland AFB, TX	Misc training airframes	AETC
CB	14th FTW	Columbus AFB, MS	T-1A, T-37B, T-38C	AETC	LF	56th FW	Luke AFB, AZ	F-16A/B/C/D	AETC
CC	27th FW	Cannon AFB, NM	F-16C/D	ACC	(LI)	106th RQW	Francis Gabreski AP/ ANGB, Westhampton Beach, NY	HC-130H/P, HH-60G	ANG
CO	140th Wing	Buckley ANGB, Aurora, CO	F-16C	ANG	LN	48th FW	RAF Lakenheath, UK	F-15C/D/E	USAFE
CT	103rd FW	Bradley IAP/ANGB, Windsor Locks, CT	A/OA-10A	ANG	LR	944th FW	Luke AFB, AZ	F-16C	AFRC
DC	113th Wing	Andrews AFB, MD	F-16C	ANG	MA	102nd FW	Otis ANGB, MA	F-15A/B	ANG
DM	355th Wing	Davis Monthan AFB, AZ	A/OA-10A	ACC	MD	104th FW	Westfield/Barnes Airport/ANGB, MA	A/OA-10A	ANG
DM	55th ECG	Davis Monthan AFB, AZ	EC-130H	ACC		175th Wing	Martin State Airport/ Warfield ANGB, Baltimore, MD	A/OA-10A	ANG
(DM)	563rd RQW	Davis Monthan AFB, AZ	HC-130P, HH-60G	AFSOC	MF	645th MATS Det 2	Greenville MAP, TX	NC-135W	AFMC
(DR)	305th RQS	Davis Monthan AFB, AZ	HH-60G	AFRC	MI	127th Wing	Selfridge ANGB, Mount Clemens, MI	F-16C	ANG
DY	7th BW	Dyess AFB, TX	B-1B	ACC	MM	341st SPW	Malmstrom AFB, MT	UH-1N	AFSPC
ED	412th TW	Edwards AFB, CA	Misc types	AFMC	MN	148th FW	Duluth IAP, MN	F-16C/D	ANG
EF	147th FW	Ellington Field/ANGB, Houston, TX	F-16C	ANG	MO	366th FW	Mountain Home AFB, ID	F-16C/D, F-15C/D/E	ACC
EG	33rd FW	Eglin AFB, FL	F-15C/D	ACC	MT	5th BW	Minot AFB, ND	B-52H	ACC
EL	28th BW	Ellsworth AFB, SD	B-1B	ACC	MT	91st SPW	Minot AFB, ND	UH-1N	AFSPC
EN	80th FTW	Sheppard AFB, TX	T-37B, T-38A, AT-38B	AETC	(MY)	347th RQW	Moody AFB, GA	HC-130P, HH-60G	AFSOC
ET	46th TW	Eglin AFB, FL	Misc types	AFMC	MY	479th FTG	Moody AFB, GA	T-6A, T-38C	AETC
FE	90th SPW	F.E. Warren AFB, WY	UH-1N	AFSPC	ND	119th FW	Hector IAP, ND	F-16A/B (ADF)	ANG
FF	1st FW	Langley AFB, VA	F-15C/D	ACC	NM	150th FW	Kirtland AFB, NM	F-16C/D	ANG
(FL)	125th FW	Jacksonville IAP, FL	F-15A/B	ANG	NO	926th FW	NAS JRB New Orleans, LA	A/OA-10A	AFRC
(FL)	920th RQW	Patrick AFB, FL	HC-130N/P, HH-60G	AFRC	NY	174th FW	Syracuse Hancock IAP, NY	F-16C	ANG
FM	482nd FW	Homestead AFB, FL	F-16C	AFRC	OF	55th Wing	Offutt AFB, NE	OC/RC/TC/ WC-135	ACC
FS	188th FW	Fort Smith RAP/Ebbing ANGB, AR	F-16C	ANG	OH	178th FW	Springfield-Beckley MAP, OH	F-16C/D	ANG
FT	23rd FG	Pope AFB, NC	A/OA-10A	ACC	OH	180th FW	Toledo Express Airport, OH	F-16C	ANG
FW	122nd FW	Fort Wayne IAP, IN	F-16C	ANG	OK	552nd ACW	Tinker AFB, OK	E-3B/C, TC-18E	ACC
GA	116th ACW	Robins AFB, GA	TE-8A, E-8C	ACC	OK	138th FW	Tulsa IAP, OK	F-16C	ANG

USAF DATAFILE

USAF TAIL CODES (continued)

Tail Code	Unit	Location	Aircraft	Command
OS	51st FW	Osan AB, ROK	A/OA-10A, F-16C/D, C-12J	PACAF
OT	53rd Wing/85th TES	Eglin AFB, FL	F-15A/B/C/D/E, F-16A/B/C/D	ACC
OT	53rd Wing/422nd TES	Nellis AFB, NV	A/OA-10A, F-15C/D/E, F-16C/D	ACC
PA	111th FW	NAS JRB Willow Grove, PA	A/OA-10A	ANG
RA	12th FTW	Randolph AFB, TX	T-1A, T-6A, T-37B, T-38C, CT/T-43A	AETC
RT	415th FTF	Randolph AFB, TX	T-37B, T-38A	AFMC
RS	86th AW	Ramstein AB, Germany	C-130E	USAFE
SA	149th FW	Kelly AFB, TX	F-16C	ANG
(SC)	169th FW	Columbia Metro. Airport/McEntire ANG, SC	F-16C	ANG
SI	183rd FW	Abraham Lincoln Capital Airport, Springfield, IL	F-16C	ANG
SJ	4th FW	Seymour Johnson AFB, NC	F-15E	ACC
SL	131st FW	Lambert-St Louis IAP, MO	F-15C/D	ANG
SP	52nd FW	Spangdahlem AB, Germany	A/OA-10A, F-16C/D	USAFE
ST	82nd TRW	Sheppard AFB, TX	Misc training airframes	AETC
SW	20th FW	Shaw AFB, SC	F-16C/D	ACC
TD	53rd WEG/82nd ATRS	Tyndall AFB, FL	E-9A, QF-4E/G	ACC

Tail Code	Unit	Location	Aircraft	Command
TH	181st FW	Terre Haute IAP/Hulman Field, IN	F-16C/D	ANG
TX	301st FW	NAS JRB Fort Worth/Carswell Field, TX	F-16C/D	AFRC
TY	325th FW	Tyndall AFB, FL	F-15C/D, F/A-22A	AETC
VA	192nd FW	Richmond IAP-Byrd Field, VA	F-16C/D	ANG
VN	71st FW	Vance AFB, OK	T-1A, T-6A, T-37B, T-38C	AETC
(VT)	158th FW	Burlington IAP, VT	F-16C	ANG
WA	57th Wing	Nellis AFB, NV	A/OA-10A, F-15C/D/E, F-16C/D, RQ-1K/L, MQ-1L	ACC
(WA)	66th RQS	Nellis AFB, NV	HH-60G	AFSOC
WI	115th FW	Dane County RAP/Truax Field, Madison, WI	F-16C	ANG
WM	509th BW	Whiteman AFB, MO	B-2A, T-38A	ACC
WP	8th FW	Kunsan AB, ROK	F-16C/D	PACAF
WR	93rd ACW	Robins AFB, GA	TE-8A, E-8C	ACC
WW	35th FW	Misawa AB, Japan	F-16C/D	PACAF
XL	47th FTW	Laughlin AFB, TX	T-1A, T-6A, T-38A	AETC
YJ	374th AW	Yokota AB, Japan	C-130E, UH-1N	PACAF
ZZ	18th Wing	Kadena AB, Okinawa, Japan	F-15C/D, E-3B/C, KC-135R, HH-60G	PACAF

(Codes in parentheses are assigned but not currently carried)

ABBREVIATIONS

AACS	Airborne Air Control Squadron
AATC	ANG/AFRC Test Center
ABW	Air Base Wing
ACC	Air Combat Command
ACCS	Airborne Command Control Squadron
ACW	Air Control Wing
ADS	Air Demonstration Squadron
AETC	Air Education and Training Command
AEG	Air Expeditionary Group
AEW	Air Expeditionary Wing
AFAF	Air Force Auxiliary Field
AFSSA	Air Force Flight Standards Agency
AFFTC	Air Force Flight Test Center
AFMC	Air Force Materiel Command
AFRC	Air Force Reserve Command
AFSPC	Air Force Space Command
AG	Airlift Group
AGRS	Aggressor Squadron
AHP	Army Helicopter
ALF	Airlift Flight
AMC	Air Mobility Command
AMCAOS	Air Mobility Command Air Operations Squadron
AMW	Air Mobility Wing
ANG	Air National Guard
ANGB	Air National Guard Base
ANGS	Air National Guard Station
AP	Airport
ARB	Air Reserve Base
ARG	Air Refueling Group
ARS	Air Reserve Station/Air Refueling Squadron
ARW	Air Refueling Wing
AS	Airlift Squadron
AS	Air Station
ASF	Aviation Standards Flight
AT	Airmanship Trainer
ATRS	Aerial Targets Squadron
AW	Airlift Wing
AWC	Air Warfare Center
BS	Bomb Squadron
BW	Bomb Wing
CAP	County Airport
CRW	Contingency Response Wing
CTF	Combined Test Force
CTS	Combat Training Squadron
Det.	Detachment
DIA	Defense Intelligence Agency
DSCA	Defense Security Cooperation Agency
EARS	Expeditionary Air Refueling Squadron
EAS	Expeditionary Airlift Squadron
ECS	Electronic Combat Squadron
EFS	Expeditionary Fighter Squadron
EMTF	Expeditionary Mobility Task Force
EOS	Expeditionary Operations Squadron
ERQS	Expeditionary Rescue Squadron
ERS	Expeditionary Reconnaissance Squadron
FG	Fighter Group
FLTF	Flight Test Flight
FLTG	Flight Test Group

FLTS	Flight Test Squadron
FS	Fighter Squadron
FW	Fighter Wing
FTG	Flying Training Group
FTS	Flying Training Squadron
(FTU)	Formal Training Unit
FTW	Flying Training Wing
HF	Helicopter Flight
HQ USEUCOM	Headquarters US European Command
HS	Helicopter Squadron
IAP	International Airport
JRB	Joint Reserve Base
MAP	Municipal Airport
MATS	Materiel Squadron
MXW	Maintenance Wing
NAS	Naval Air Station
OG	Operations Group
OL	Operating Location
OS	Operations Squadron
(P)	Provisional
PAG	Presidential Airlift Group
PAS	Presidential Airlift Squadron
PFTI	Production Flight Test Installation
RAF	Royal Air Force
RAP	Regional Airport
RQF	Rescue Flight
RQG	Rescue Group
RQS	Rescue Squadron
RQW	Rescue Wing
RS	Reconnaissance Squadron
SOG	Special Operations Group
SOS	Special Operations Squadron
SOW	Special Operations Wing
SPW	Space Wing
STG	Special Tactics Group
TACC	Tanker Airlift Control Center
TDY	Temporary Duty
TEG	Test & Evaluation Group
TES	Test & Evaluation Squadron
TESTS	Test Squadron
TESTG	Test Group
TRG	Training Group
TRS	Training Squadron
TRW	Training Wing
TW	Test Wing
USAF	United States Air Force
USAF A	United States Air Force Academy
USAFWS	USAF Weapons School
USCENTCOM	US Central Command
USEUCOM	US European Command
USPACOM	US Pacific Command
USSOUTHCOM	US Southern Command
USSPACECOM	US Space Command
USSTRATCOM	US Strategic Command
WAP	World Airport
WEG	Weapons Evaluation Group
WRS	Weather Reconnaissance Squadron
WPS	Weapons Squadron